

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO100875	BFU114870	41%	95.7%	96.7%
ECO100875	BMA101338	35%	95.4%	96.4%
ECO100875	EBC103818	40%	94.4%	96.6%
ECO100875	ECO100875	100%	100%	100%
ECO100875	KPN301597	38%	95.4%	99.7%
ECO100875	PMU101945	47%	32.1%	66.0%
ECO100875	PAE201737	42%	94.7%	95.4%
ECO100875	PSY108744	39%	95.4%	95.7%
ECO100875	SPA101562	37%	94.4%	98.3%
ECO100875	STY103217	37%	97.4%	95.2%
ECO100876	BAN112918	36%	58.2%	58.6%
ECO100876	BAN107114	36%	58.2%	58.6%
ECO100876	BFR102217	24%	37.8%	52.9%
ECO100876	BFR104285	27%	36.7%	49.7%
ECO100876	BPT103683	29%	46.9%	40.4%
ECO100876	BFU103218	36%	63.8%	59.6%
ECO100876	CAC100905	30%	53.6%	51.5%
ECO100876	CBO103246	33%	56.6%	58.2%
ECO100876	EBC102970	30%	81.1%	83.4%
ECO100876	ECO100876	100%	100%	100%
ECO100876	HIN101513	33%	79.1%	79.2%
ECO100876	LMO101606	33%	30.1%	30.3%
ECO100876	PMU100887	29%	87.8%	86.8%
ECO100876	PSY103215	26%	55.1%	50.5%
ECO100876	SAU800601	27%	47.4%	51.7%
ECO100876	SEP201386	27%	47.4%	58.8%
ECO100876	SHA102380	24%	95.4%	90.1%
ECO100876	SHA102445	33%	56.6%	62.5%
ECO100876	SMU102024	33%	55.1%	55.9%
ECO100885	ABA100088	49%	95.6%	96.5%
ECO100885	BAN107282	44%	15.9%	83.7%
ECO100885	BAN109524	43%	83.3%	95.0%
ECO100885	BAN105277	47%	92.5%	93.3%
ECO100885	BFR11517	38%	84.1%	92.9%
ECO100885	BPT100195	57%	94.7%	94.6%
ECO100885	BBU100127	29%	90.7%	92.3%
ECO100885	BCE104244	52%	95.2%	93.0%
ECO100885	BFU102075	52%	94.3%	86.8%
ECO100885	BMA105406	52%	95.6%	90.3%
ECO100885	CPN200178	42%	93.0%	95.8%
ECO100885	CTR200727	42%	96.5%	99.5%
ECO100885	CAC100619	37%	95.6%	98.2%
ECO100885	CBO103038	40%	91.6%	89.1%
ECO100885	CDF100096	40%	93.0%	95.8%
ECO100885	CDP101063	43%	91.6%	86.7%
ECO100885	EBC100426	94%	95.2%	100%
ECO100885	EFA201887	41%	95.2%	95.6%
ECO100885	ECO100885	100%	100%	100%
ECO100885	HIN101612	63%	89.0%	77.0%
ECO100885	HIN101191	64%	95.2%	93.5%
ECO100885	KPN300479	91%	78.0%	100%
ECO100885	LPN101006	50%	96.5%	95.7%
ECO100885	LMO100736	42%	95.6%	96.4%
ECO100885	MCA101968	46%	96.5%	92.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO100885	MAV102017	41%	97.4%	97.4%
ECO100885	MBV105382	40%	96.5%	95.7%
ECO100885	MLP100851	43%	95.6%	96.0%
ECO100885	MTU201690	40%	96.5%	95.7%
ECO100885	MGE100338	35%	96.5%	98.2%
ECO100885	MPN100365	38%	94.3%	95.9%
ECO100885	NGO100241	47%	95.2%	97.2%
ECO100885	NME201374	46%	95.2%	97.2%
ECO100885	PMU100802	67%	96.0%	96.0%
ECO100885	PRT100288	78%	97.8%	98.7%
ECO100885	PAE203161	60%	98.2%	98.3%
ECO100885	PPU108319	62%	94.7%	89.7%
ECO100885	PSY100434	62%	93.8%	88.5%
ECO100885	SPA102110	94%	75.8%	100%
ECO100885	STY102912	97%	100%	100%
ECO100885	STM103300	97%	100%	100%
ECO100885	SAU801478	38%	94.7%	96.8%
ECO100885	SEP200463	36%	92.5%	96.3%
ECO100885	SHA101407	34%	92.5%	95.0%
ECO100885	SMU100904	43%	90.7%	84.6%
ECO100885	SPN401455	38%	95.6%	97.8%
ECO100885	SPY200595	43%	91.2%	92.0%
ECO100885	UUR100344	29%	95.6%	95.1%
ECO100885	VCH101886	70%	98.7%	97.8%
ECO100885	YPS001262	84%	99.6%	98.3%
ECO100886	ABA101621	72%	6.5%	93.4%
ECO100886	BAN102603	35%	97.5%	94.8%
ECO100886	BAN106697	35%	97.5%	95.0%
ECO100886	BFR12241	37%	95.9%	89.1%
ECO100886	BPT100197	63%	97.5%	94.3%
ECO100886	BBU100126	28%	95.3%	95.5%
ECO100886	BCE109984	64%	99.5%	93.0%
ECO100886	BFU102076	65%	95.2%	91.9%
ECO100886	BMA105447	63%	99.5%	97.2%
ECO100886	CJU100824	32%	65.5%	94.8%
ECO100886	CPN200436	44%	93.5%	89.3%
ECO100886	CTR200367	45%	92.1%	46.6%
ECO100886	CAC100711	33%	93.2%	27.3%
ECO100886	CBO101243	35%	96.9%	93.8%
ECO100886	CDF100938	28%	93.9%	21.2%
ECO100886	CDP100313	46%	92.1%	17.9%
ECO100886	EBC100136	98%	94.1%	83.3%
ECO100886	EFA201885	35%	77.9%	87.6%
ECO100886	ECO100886	100%	100%	100%
ECO100886	HIN101192	78%	100%	100%
ECO100886	HPY100395	29%	96.4%	95.3%
ECO100886	KPN302625	98%	96.2%	83.5%
ECO100886	LPN102947	66%	100%	100%
ECO100886	LMO101312	36%	91.7%	66.9%
ECO100886	MCA101969	68%	94.8%	91.5%
ECO100886	MAV106579	45%	93.9%	72.7%
ECO100886	MBV101279	45%	93.9%	65.2%
ECO100886	MLP100855	44%	93.9%	72.6%
ECO100886	MTU201609	45%	93.9%	72.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO100886	NGO100236	65%	98.9%	98.6%
ECO100886	NME201375	65%	98.9%	98.2%
ECO100886	PMU100801	81%	100%	100%
ECO100886	PRT100600	94%	100%	100%
ECO100886	PAE203160	75%	99.3%	98.9%
ECO100886	PPU100844	75%	96.9%	96.8%
ECO100886	PSY103125	74%	96.8%	96.1%
ECO100886	SPA102059	95%	98.7%	100%
ECO100886	STY102913	99%	100%	100%
ECO100886	STM103301	99%	100%	100%
ECO100886	SAU801476	35%	99.6%	99.7%
ECO100886	SEP200462	33%	97.1%	94.9%
ECO100886	SHA101408	34%	98.9%	97.7%
ECO100886	SMU101029	36%	88.7%	16.5%
ECO100886	SPN400764	34%	92.1%	85.8%
ECO100886	SPY200684	35%	88.7%	16.5%
ECO100886	TPA100276	36%	92.1%	59.9%
ECO100886	VCH101885	84%	100%	100%
ECO100886	YPS001263	94%	100%	100%
ECO100905	BAN103960	46%	95.1%	94.6%
ECO100905	BAN109694	59%	95.9%	95.7%
ECO100905	BFR11425	57%	95.9%	95.5%
ECO100905	BBU100101	53%	98.9%	98.3%
ECO100905	CAC102921	55%	96.1%	95.9%
ECO100905	CBO101487	56%	96.8%	96.5%
ECO100905	CDF103661	53%	98.3%	98.3%
ECO100905	EBC100631	93%	51.5%	100%
ECO100905	EFA200462	35%	96.8%	97.3%
ECO100905	EFM202427	35%	96.8%	97.2%
ECO100905	ECO100905	100%	100%	100%
ECO100905	HIN101268	80%	99.6%	97.3%
ECO100905	KPN303312	95%	96.8%	99.6%
ECO100905	LPN101111	69%	99.6%	99.4%
ECO100905	LMO102390	38%	95.3%	95.8%
ECO100905	MGE100115	39%	100%	100%
ECO100905	MPN100580	40%	98.5%	98.5%
ECO100905	PMU100643	82%	99.6%	98.5%
ECO100905	PRT101955	84%	100%	100%
ECO100905	SPA102566	86%	72.1%	100%
ECO100905	STY102938	94%	100%	100%
ECO100905	SAU801454	37%	96.8%	97.4%
ECO100905	SEP200424	36%	96.8%	97.4%
ECO100905	SHA101874	37%	96.8%	97.4%
ECO100905	SMU100320	34%	95.3%	95.3%
ECO100905	SPN401396	34%	95.3%	95.5%
ECO100905	SPY200469	35%	98.5%	97.3%
ECO100905	TPA100602	49%	95.5%	95.8%
ECO100905	UR100367	43%	96.1%	95.8%
ECO100905	VCH101278	77%	100%	96.9%
ECO100905	YPS002091	87%	100%	100%
ECO100906	ABA104064	44%	98.5%	99.5%
ECO100906	BAN100917	21%	58.5%	49.3%
ECO100906	BAN111422	23%	79.5%	60.8%
ECO100906	BFR12483	34%	92.5%	95.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO100906	BPT100765	41%	96.8%	99.2%
ECO100906	BCE108701	31%	21.8%	91.5%
ECO100906	BCE100481	43%	96.5%	97.2%
ECO100906	BFU104396	42%	96.5%	94.2%
ECO100906	BMA102366	43%	96.5%	87.6%
ECO100906	CDF101027	22%	90.2%	72.3%
ECO100906	CDP101373	24%	79.2%	65.4%
ECO100906	EBC100632	89%	74.8%	99.3%
ECO100906	EFA201594	22%	94.5%	73.1%
ECO100906	ECO100906	100%	100%	100%
ECO100906	KPN301496	87%	100%	100%
ECO100906	LPN101555	24%	93.8%	75.6%
ECO100906	LMO102099	22%	82.5%	62.1%
ECO100906	MCA100938	43%	96.5%	100%
ECO100906	MAV103522	23%	78.2%	64.2%
ECO100906	MBV100308	26%	91.2%	73.0%
ECO100906	MTU200570	26%	91.2%	73.0%
ECO100906	NGO100225	43%	96.8%	98.0%
ECO100906	NME201565	43%	98.2%	95.5%
ECO100906	PRT101956	66%	98.8%	98.8%
ECO100906	PAE204914	52%	97.8%	98.5%
ECO100906	PPU107582	52%	97.8%	98.0%
ECO100906	PSY101887	50%	98.2%	97.1%
ECO100906	SPA102570	90%	100%	100%
ECO100906	STY102950	90%	100%	100%
ECO100906	SAU801913	20%	87%	66.3%
ECO100906	SHA101008	21%	91%	81.4%
ECO100906	SPN401276	23%	86.8%	66.5%
ECO100906	SPY201274	21%	90.8%	71.1%
ECO100906	TPA100621	24%	76.8%	58.2%
ECO100906	VCH102834	42%	97.5%	93.1%
ECO100906	YPS002092	73%	100%	100%
ECO100907	ABA100602	41%	97.7%	96.9%
ECO100907	BFR11621	22%	49.4%	50.4%
ECO100907	BPT100086	46%	99.8%	99.3%
ECO100907	BCE114396	48%	99.0%	98.8%
ECO100907	BFU115907	47%	99.9%	99.7%
ECO100907	BMA106412	49%	81.6%	98.4%
ECO100907	CDF100790	24%	23.4%	39.0%
ECO100907	CDP101250	24%	56.0%	57.7%
ECO100907	EBC102285	90%	68.4%	100%
ECO100907	ECO100907	100%	100%	100%
ECO100907	HIN101581	60%	99.3%	99.5%
ECO100907	KPN301497	89%	100%	100%
ECO100907	LPN103383	48%	99.0%	98.7%
ECO100907	MCA101178	38%	97.6%	96.8%
ECO100907	MAV100155	25%	55.2%	56.1%
ECO100907	MBV101526	26%	51.4%	51.2%
ECO100907	MLP100917	26%	54.9%	55.2%
ECO100907	MTU202431	26%	51.4%	51.3%
ECO100907	NGO101948	47%	99.3%	98.7%
ECO100907	NME201487	48%	99.0%	99.2%
ECO100907	PMU100618	62%	99.5%	99.8%
ECO100907	PRT101957	74%	100%	99.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO100907	PAE203081	49%	99.9%	99.8%
ECO100907	PPU101735	50%	99.9%	99.8%
ECO100907	PSY100727	49%	99.9%	100%
ECO100907	SPA102571	87%	89.0%	99.2%
ECO100907	STY103588	93%	100%	100%
ECO100907	STM103420	94%	100%	100%
ECO100907	SMU100931	25%	47.1%	49.1%
ECO100907	SPN400706	24%	54.1%	58.1%
ECO100907	SPY200949	23%	49.2%	51.4%
ECO100907	VCH101471	64%	99.9%	99.8%
ECO100907	YPS002093	77%	100%	99.9%
ECO100915	BFR101304	28%	12.9%	23.1%
ECO100915	ECO100915	100%	100%	100%
ECO100915	SPA104864	52%	96.0%	100%
ECO100915	STM100755	53%	96.0%	96.0%
ECO100954	ECO100954	100%	100%	100%
ECO100954	KPN108215	29%	23.1%	93.9%
ECO100954	PAE203677	29%	24.1%	23.3%
ECO100954	YPS000350	45%	99.1%	97.3%
ECO100956	ABA105111	37%	91.4%	97.2%
ECO100956	BPT100529	36%	86.8%	87.7%
ECO100956	BCE113904	34%	91.4%	86.4%
ECO100956	CAC100153	26%	91.4%	95.3%
ECO100956	EBC101811	60%	71.7%	100%
ECO100956	EFA202033	29%	91.4%	94.9%
ECO100956	ECO100956	100%	100%	100%
ECO100956	KPN206660	62%	92.8%	95.9%
ECO100956	MCA100619	25%	73.7%	83.8%
ECO100956	MAV105287	31%	85.5%	85.3%
ECO100956	MBV104448	27%	75.7%	84.7%
ECO100956	MTU202200	30%	92.1%	93.9%
ECO100956	NGO102044	25%	95.4%	81.6%
ECO100956	NME201339	25%	95.4%	100%
ECO100956	PAE202976	32%	85.5%	90.9%
ECO100956	PPU104816	34%	86.8%	92.2%
ECO100956	SAU801881	26%	83.6%	85.1%
ECO100956	SEP200520	28%	84.2%	85.7%
ECO100956	SHA100516	31%	84.2%	85.7%
ECO100956	SMU101303	22%	90.8%	97.2%
ECO100956	SPN401837	21%	92.1%	96.5%
ECO100956	VCH100900	34%	88.2%	84.9%
ECO100956	VCH101022	35%	92.1%	95.5%
ECO100967	ECO100967	100%	100%	100%
ECO100967	MGE100217	20%	18.6%	36.9%
ECO100967	PAE204977	31%	61.9%	57.0%
ECO100967	SPA101999	62%	60.6%	100%
ECO100967	STY103986	62%	99.1%	98.1%
ECO100967	STM100492	62%	99.1%	98.1%
ECO100967	VCH103430	32%	96.3%	91.7%
ECO100968	ECO100968	100%	100%	100%
ECO100968	SPA102000	66%	98.5%	99.4%
ECO100968	STY103988	66%	100%	100%
ECO100968	VCH103431	45%	86.0%	87.1%
ECO100974	ABA100027	42%	50.3%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO100974	ABA102434	39%	97.1%	98.4%
ECO100974	BPT100939	41%	99.3%	99.7%
ECO100974	BBU100654	29%	95.4%	99.3%
ECO100974	BFU108703	44%	98.0%	94.2%
ECO100974	CJU101154	32%	89.5%	93.9%
ECO100974	ECO100974	100%	100%	100%
ECO100974	HPY101007	32%	89.2%	93.4%
ECO100974	KPN302023	81%	100%	100%
ECO100974	LPN101460	46%	98.4%	99.0%
ECO100974	PRT105958	73%	99.0%	99.0%
ECO100974	PPU107631	54%	99.7%	100%
ECO100974	PSY100875	53%	99.0%	97.8%
ECO100974	SPA102643	88%	100%	100%
ECO100974	STY103659	88%	100%	100%
ECO100975	CDF102870	27%	23.4%	35.0%
ECO100975	ECO100975	100%	100%	100%
ECO100975	MTU405812	24%	23.4%	38.1%
ECO100975	YPS002734	31%	12.2%	8.3%
ECO100980	ABA103609	64%	91.2%	98.4%
ECO100980	BPT100698	67%	90.5%	97.5%
ECO100980	BCE105957	69%	91.2%	97.2%
ECO100980	BFU100525	70%	93.3%	99.5%
ECO100980	BMA102208	71%	92.2%	98.4%
ECO100980	CDP100387	45%	88.8%	93.0%
ECO100980	EBC100227	84%	62.1%	100%
ECO100980	ECO100980	100%	100%	100%
ECO100980	KPN303632	88%	92.0%	97.0%
ECO100980	MCA101163	62%	91.4%	97.7%
ECO100996	ABA104763	51%	92.5%	96.9%
ECO100996	BAN108047	29%	38.1%	56.2%
ECO100996	BAN103651	30%	60.5%	42.0%
ECO100996	BPT101490	46%	93.0%	96.7%
ECO100996	BCE102619	53%	64.6%	96.9%
ECO100996	BFU112189	23%	56.5%	52.9%
ECO100996	CAC100112	22%	71.9%	74.5%
ECO100996	CAC102682	23%	85.3%	86.6%
ECO100996	CAC101653	27%	51.9%	53.9%
ECO100996	CBO103276	24%	82.1%	86.8%
ECO100996	CDF100916	23%	83.2%	89.0%
ECO100996	CDP101026	36%	20.4%	35.3%
ECO100996	EBC103183	65%	99.1%	99.1%
ECO100996	EFA200404	23%	91.4%	96.7%
ECO100996	ECO100996	100%	100%	100%
ECO100996	KPN302028	65%	99.1%	99.1%
ECO100996	LMO101233	26%	89.8%	95.0%
ECO100996	MAV104430	38%	10.9%	53.3%
ECO100996	MAV105180	31%	24.7%	30.2%
ECO100996	MAV108796	32%	24.9%	85.2%
ECO100996	MBV103262	25%	47.4%	43.2%
ECO100996	MTU301610	25%	30.6%	35.1%
ECO100996	MTU301614	37%	22.0%	27.7%
ECO100996	PMU101140	35%	26.5%	34.7%
ECO100996	PAE201013	27%	45.4%	59.4%
ECO100996	PAE200704	26%	45.8%	65.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO100996	PSY104248	35%	27.0%	39.8%
ECO100996	SAU802666	39%	91.8%	97.8%
ECO100996	SEP202130	38%	92.5%	98.5%
ECO100996	SMU100325	23%	89.8%	95.0%
ECO100996	SPY201683	22%	56.0%	62.1%
ECO100996	YPS002586	65%	99.8%	99.3%
ECO100997	ABA105171	39%	88.8%	90.4%
ECO100997	BAN105856	32%	7.7%	20.4%
ECO100997	BPT101492	39%	95.1%	91.3%
ECO100997	BCE107987	41%	88.8%	77.3%
ECO100997	CPN200056	26%	11.3%	35.3%
ECO100997	CTR200756	27%	28.7%	74.5%
ECO100997	EBC103182	53%	72.2%	100%
ECO100997	ECO100997	100%	100%	100%
ECO100997	KPN302029	52%	99.9%	99.3%
ECO100997	SPA106070	27%	34.1%	78.8%
ECO100997	STY104122	27%	34.1%	78.8%
ECO100997	STM103813	27%	34.1%	78.8%
ECO100997	YPS002580	48%	98.5%	98.4%
ECO101026	BAN109424	40%	92.9%	44.6%
ECO101026	BAN109023	47%	48.5%	99.3%
ECO101026	BCE102281	25%	47.1%	46.7%
ECO101026	BCE111625	25%	95.6%	47.5%
ECO101026	BFU103468	41%	94.1%	90.8%
ECO101026	CJU101182	35%	96.3%	47.7%
ECO101026	CAC102708	24%	93.4%	95.1%
ECO101026	EBC101388	87%	99.0%	44.9%
ECO101026	EFA201804	51%	97.3%	46.6%
ECO101026	EFM100140	50%	91.2%	64.3%
ECO101026	ECO101026	100%	100%	100%
ECO101026	KPN302511	86%	97.5%	47.3%
ECO101026	LPN100304	25%	94.9%	95.5%
ECO101026	LMO101440	62%	45.3%	97.0%
ECO101026	MAV102451	23%	93.9%	40.5%
ECO101026	PRT100222	71%	95.3%	100%
ECO101026	PSY109052	42%	44.1%	89.5%
ECO101026	SPA101126	90%	99.0%	48.8%
ECO101026	STY102475	90%	99.0%	48.8%
ECO101026	STM104345	60%	96.8%	98.3%
ECO101026	SAU800119	28%	93.6%	42.3%
ECO101026	SEP200736	22%	95.6%	98.7%
ECO101026	SHA102365	24%	95.6%	98.7%
ECO101026	SMU101114	45%	94.1%	98.2%
ECO101026	SPN400875	45%	94.9%	96.5%
ECO101026	SPY200356	44%	45.6%	98.0%
ECO101031	EBC105567	56%	80.4%	100%
ECO101031	ECO101031	100%	100%	100%
ECO101031	KPN306295	59%	80.4%	100%
ECO101031	SPA101094	57%	97.8%	100%
ECO101031	STY102485	64%	80.4%	100%
ECO101032	BCE107994	25%	99.2%	94.0%
ECO101032	EBC101043	75%	99.7%	98.9%
ECO101032	ECO101032	100%	100%	100%
ECO101032	KPN300314	73%	46.0%	95.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101032	KPN302520	76%	99.7%	99.5%
ECO101032	MAV101116	24%	56.2%	61.2%
ECO101032	PPU110237	28%	99.2%	97.7%
ECO101032	PSY104175	30%	98.9%	97.7%
ECO101032	SPA101093	83%	99.7%	100%
ECO101032	STY102486	84%	99.7%	99.5%
ECO101032	YPS003112	64%	100%	100%
ECO101034	EBC101041	82%	100%	100%
ECO101034	ECO101034	100%	100%	100%
ECO101034	KPN302510	70%	100%	97.6%
ECO101034	PRT101047	29%	95.1%	92.6%
ECO101034	SPA103953	37%	95.1%	76.5%
ECO101034	STY102488	83%	100%	100%
ECO101034	STM104609	47%	96.3%	98.7%
ECO101034	SAU801646	30%	56.8%	41.1%
ECO101034	YPS003073	62%	100%	100%
ECO101035	ABA100839	52%	96.8%	98.3%
ECO101035	BPT103038	56%	96.8%	96.6%
ECO101035	BCE114261	56%	97.4%	94.0%
ECO101035	BMA105687	55%	96.8%	96.9%
ECO101035	CJU100231	38%	97.7%	99.7%
ECO101035	EBC101229	93%	54.6%	100%
ECO101035	ECO101035	100%	100%	100%
ECO101035	HPY100574	30%	96.6%	97.3%
ECO101035	KPN302512	89%	100%	100%
ECO101035	MCA101086	52%	98.3%	98.9%
ECO101035	NGO100980	55%	98.3%	99.4%
ECO101035	NME200819	54%	98.3%	99.4%
ECO101035	PRT103497	75%	38.2%	100%
ECO101035	PAE203525	56%	98.3%	98.3%
ECO101035	PPU101541	57%	97.7%	97.7%
ECO101035	PSY105203	55%	98.9%	99.1%
ECO101035	SPA100686	86%	100%	100%
ECO101035	STY102489	88%	100%	100%
ECO101035	VCH103644	55%	97.7%	96.9%
ECO101035	YPS003083	72%	100%	100%
ECO101036	CAC100319	25%	83.3%	81.8%
ECO101036	EBC101230	82%	100%	100%
ECO101036	ECO101036	100%	100%	100%
ECO101036	KPN302515	78%	100%	100%
ECO101036	PRT103115	42%	97.8%	98.9%
ECO101036	PAE200954	42%	26.3%	15.4%
ECO101036	SPA100687	88%	100%	100%
ECO101036	STY102495	88%	98.9%	88.5%
ECO101036	YPS003344	64%	100%	100%
ECO101041	BAN106223	42%	98.7%	93.8%
ECO101041	BMA100330	30%	56.7%	54.8%
ECO101041	CDF101870	40%	97.7%	98.4%
ECO101041	EBC101201	79%	100%	100%
ECO101041	EFA200828	30%	97.4%	97.7%
ECO101041	EFM200723	28%	85.7%	85.3%
ECO101041	ECO101041	100%	100%	100%
ECO101041	KPN302526	75%	99.3%	99.0%
ECO101041	LMO100839	33%	97.4%	98.3%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101041	SPA100606	75%	96.1%	57.8%
ECO101041	STY102505	80%	100%	100%
ECO101041	STM102670	81%	100%	100%
ECO101041	SPY201609	30%	96.1%	94.9%
ECO101041	VCH103764	29%	96.7%	96.5%
ECO101041	YPS003368	62%	97.7%	56.0%
ECO101048	ABA102849	28%	64.5%	86.0%
ECO101048	BAN107248	24%	35.1%	69.6%
ECO101048	BAN108027	25%	45.0%	50.5%
ECO101048	BFR102099	23%	82.3%	71.5%
ECO101048	BPT101052	44%	98.3%	97.4%
ECO101048	BBU100283	29%	38.1%	63.9%
ECO101048	BCE104352	42%	97.0%	87.9%
ECO101048	BFU115968	42%	94.4%	90%
ECO101048	BMA102063	41%	91.3%	73.3%
ECO101048	CJU100042	26%	87.0%	71.4%
ECO101048	CAC100829	26%	93.5%	87.0%
ECO101048	CDF102709	34%	38.1%	45.5%
ECO101048	EBC100895	82%	100%	100%
ECO101048	ECO101048	100%	100%	100%
ECO101048	HPY100891	25%	68.4%	64.5%
ECO101048	LPN102505	32%	95.2%	98.7%
ECO101048	LMO101524	29%	56.7%	95%
ECO101048	PRT102170	38%	99.6%	99.6%
ECO101048	PAE201078	35%	95.2%	87.8%
ECO101048	PPU100759	32%	99.6%	99.1%
ECO101048	PSY104584	30%	83.5%	98.9%
ECO101048	SPA101329	79%	100%	100%
ECO101048	STY102512	84%	100%	100%
ECO101048	STM102682	84%	100%	100%
ECO101048	TPA100720	34%	26.4%	39.9%
ECO101048	VCH102165	34%	79.2%	75.3%
ECO101048	YPS001380	68%	97.4%	98.7%
ECO101060	ABA100920	45%	89.4%	95.4%
ECO101060	BPT102625	46%	93.2%	96.0%
ECO101060	BCE114484	48%	90.3%	90.5%
ECO101060	BFU100680	46%	93.2%	95.1%
ECO101060	BMA107485	48%	93.2%	82.3%
ECO101060	CDP100836	33%	77.8%	93.1%
ECO101060	EBC101771	79%	99.0%	100%
ECO101060	ECO101060	100%	100%	100%
ECO101060	KPN302522	81%	100%	100%
ECO101060	LPN101285	32%	81.2%	92.7%
ECO101060	MLP100441	30%	90.8%	93.9%
ECO101060	NGO101420	41%	91.3%	96.9%
ECO101060	NME200506	42%	91.3%	96.9%
ECO101060	PRT105698	57%	93.2%	97.0%
ECO101060	PAE202970	59%	90.8%	97.9%
ECO101060	PPU101763	51%	90.8%	97.9%
ECO101060	PSY101701	56%	90.8%	97.9%
ECO101060	SPA100594	84%	99.0%	100%
ECO101060	STY102526	86%	92.8%	99.0%
ECO101060	VCH101997	57%	90.8%	96.9%
ECO101060	YPS003109	67%	92.8%	97.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101066	ABA100557	58%	99.6%	99.6%
ECO101066	BAN107352	43%	96.7%	97.6%
ECO101066	BAN101218	56%	98.4%	99.2%
ECO101066	BFR10719	45%	98.4%	98.4%
ECO101066	BPT102619	65%	98.4%	96.4%
ECO101066	BCE112767	62%	97.5%	96.8%
ECO101066	BFU100684	63%	97.5%	96.8%
ECO101066	BMA106290	60%	97.5%	96.8%
ECO101066	CJU100403	45%	99.6%	100%
ECO101066	CPN200456	45%	97.1%	96.8%
ECO101066	CTR200501	50%	96.7%	96.8%
ECO101066	CAC102747	34%	97.5%	90.8%
ECO101066	CAC100570	51%	98.0%	97.6%
ECO101066	CBO102327	49%	97.5%	96.0%
ECO101066	CDF101772	49%	99.6%	99.2%
ECO101066	EBC100251	92%	67.6%	100%
ECO101066	EFA200243	42%	99.6%	99.2%
ECO101066	EFM201914	41%	99.6%	99.2%
ECO101066	ECO101066	100%	100%	100%
ECO101066	HIN100148	74%	98.4%	99.2%
ECO101066	HPY100554	45%	99.6%	100%
ECO101066	KPN300814	93%	100%	100%
ECO101066	LPN103118	60%	99.6%	99.2%
ECO101066	LMO102009	52%	99.6%	100%
ECO101066	MCA101812	58%	82.8%	94.0%
ECO101066	MAV103641	47%	98.8%	91.4%
ECO101066	MBV100667	44%	98.8%	94.3%
ECO101066	MLP101100	47%	98.8%	92.1%
ECO101066	MTU201462	44%	98.8%	94.3%
ECO101066	NGO101381	68%	99.2%	98.0%
ECO101066	NME200494	69%	99.2%	98.0%
ECO101066	PMU101916	78%	98.0%	98.8%
ECO101066	PRT100071	84%	100%	100%
ECO101066	PAE202965	64%	99.6%	99.6%
ECO101066	PPU101751	65%	99.6%	100%
ECO101066	PSY108154	64%	99.6%	99.6%
ECO101066	SPA100959	94%	100%	100%
ECO101066	STY102532	95%	100%	100%
ECO101066	STM102721	95%	100%	100%
ECO101066	SAU801231	55%	97.5%	98.4%
ECO101066	SEP200094	31%	97.5%	98.8%
ECO101066	SEP201523	55%	97.5%	99.2%
ECO101066	SHA101738	54%	97.5%	98.8%
ECO101066	SMU100541	40%	99.6%	99.6%
ECO101066	SPN400381	44%	99.6%	100%
ECO101066	SPY201348	42%	99.6%	99.6%
ECO101066	VCH101991	81%	100%	98.4%
ECO101066	YPS003130	86%	100%	100%
ECO101067	ABA100149	65%	56.4%	89.8%
ECO101067	BAN107311	61%	97.4%	95%
ECO101067	BFR100793	61%	97.4%	97.4%
ECO101067	BPT104633	75%	97.4%	96.2%
ECO101067	BBU100703	48%	89.7%	87.5%
ECO101067	BCE109854	77%	92.3%	91.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101067	BFU104450	77%	92.3%	91.1%
ECO101067	BMA104399	77%	92.3%	91.1%
ECO101067	CJU100409	47%	94.9%	94.8%
ECO101067	CPN200457	53%	97.4%	96.2%
ECO101067	CTR200500	50%	96.2%	97.4%
ECO101067	CAC100280	59%	91.0%	92.2%
ECO101067	CBO102204	61%	93.6%	70.2%
ECO101067	CDF104494	49%	91.0%	95.9%
ECO101067	CDF102560	55%	87.2%	92%
ECO101067	CDP102441	31%	78.2%	63.2%
ECO101067	EBC107855	26%	91.0%	85.5%
ECO101067	EFA204896	48%	87.2%	86.1%
ECO101067	EFM201177	56%	59.0%	88.5%
ECO101067	ECO101067	100%	100%	100%
ECO101067	HIN100147	82%	96.2%	98.7%
ECO101067	HPY100946	57%	87.2%	43.8%
ECO101067	HPY100552	55%	92.3%	92.3%
ECO101067	KPN301296	98%	100%	100%
ECO101067	LPN100598	78%	97.4%	92.7%
ECO101067	LMO102315	56%	97.4%	98.7%
ECO101067	MCA100571	58%	94.9%	94.9%
ECO101067	MAV103068	39%	84.6%	57.4%
ECO101067	MBV100652	37%	84.6%	57.4%
ECO101067	MLP101007	37%	84.6%	57.4%
ECO101067	MTU202210	37%	84.6%	57.4%
ECO101067	MPN100432	33%	50%	46.4%
ECO101067	NGO100692	75%	97.4%	97.4%
ECO101067	NME200041	73%	97.4%	97.4%
ECO101067	PMU101917	82%	96.2%	98.7%
ECO101067	PRT100070	89%	82.1%	100%
ECO101067	PAE202964	88%	98.7%	98.7%
ECO101067	PPU104838	85%	100%	100%
ECO101067	PSY106594	89%	100%	100%
ECO101067	SPA100630	100%	100%	100%
ECO101067	STY107110	100%	100%	100%
ECO101067	STM102722	100%	100%	100%
ECO101067	SAU801232	63%	88.5%	89.6%
ECO101067	SEP201525	65%	88.5%	89.6%
ECO101067	SHA101739	65%	88.5%	89.6%
ECO101067	SMU102800	40%	91.0%	86.6%
ECO101067	SPN400038	38%	92.3%	92.2%
ECO101067	SPY201351	41%	87.2%	87.8%
ECO101067	TPA100800	47%	85.9%	85.9%
ECO101067	UUR100511	33%	53.8%	54.5%
ECO101067	VCH101990	84%	97.4%	69.1%
ECO101067	YPS004652	89%	98.7%	98.7%
ECO101068	ABA102541	38%	99.3%	99.3%
ECO101068	BAN112689	47%	99.3%	100%
ECO101068	BAN107953	50%	99.5%	99.3%
ECO101068	BFR12010	50%	99.8%	99.3%
ECO101068	BPT102618	58%	99.5%	99.8%
ECO101068	BCE113298	63%	75.3%	100%
ECO101068	BFU100675	62%	99.8%	96.0%
ECO101068	BMA102164	62%	99.8%	99.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101068	CJU100410	51%	99.3%	99.5%
ECO101068	CPN200933	44%	99.8%	99.3%
ECO101068	CTR200146	45%	99.8%	98.8%
ECO101068	CAC100013	48%	99.0%	99.0%
ECO101068	CBO102384	46%	99.0%	98.1%
ECO101068	CDF101773	49%	99.0%	99.0%
ECO101068	CDP100587	27%	97.8%	27.4%
ECO101068	EBC100090	96%	64.6%	100%
ECO101068	EFA201888	50%	99.0%	98.8%
ECO101068	EFM201378	48%	98.8%	98.8%
ECO101068	ECO101068	100%	100%	100%
ECO101068	HPY100551	49%	99.0%	99.5%
ECO101068	KPN301302	95%	100%	100%
ECO101068	LPN100053	62%	100%	100%
ECO101068	LMO100394	49%	100%	99.5%
ECO101068	MCA101479	54%	98.8%	99.8%
ECO101068	MAV103067	40%	97.8%	99.3%
ECO101068	MBV100653	42%	98.1%	96.2%
ECO101068	MLP101008	41%	98.1%	96.2%
ECO101068	MTU202211	42%	98.1%	96.2%
ECO101068	NGO100696	60%	99.8%	92.2%
ECO101068	NME200042	60%	99.8%	99.3%
ECO101068	PRT104423	82%	100%	100%
ECO101068	PAE202963	66%	99.8%	99.3%
ECO101068	PPU104840	67%	99.8%	99.3%
ECO101068	PSY101697	65%	99.8%	99.3%
ECO101068	SPA100629	89%	100%	100%
ECO101068	STY102533	94%	100%	100%
ECO101068	STM102723	94%	100%	100%
ECO101068	SAU800984	51%	99.0%	98.3%
ECO101068	SEP200206	53%	98.8%	98.1%
ECO101068	SHA101847	52%	99.0%	98.3%
ECO101068	SMU100539	43%	99.8%	99.3%
ECO101068	SPN400382	43%	99.8%	98.3%
ECO101068	SPY201347	45%	99.5%	99.0%
ECO101068	VCH101989	75%	100%	100%
ECO101068	YPS003134	89%	100%	100%
ECO101069	ABA102122	36%	89.2%	88.5%
ECO101069	CDF103263	25%	87.4%	89.9%
ECO101069	EBC100872	64%	99.3%	99.3%
ECO101069	ECO101069	100%	100%	100%
ECO101069	HIN101143	30%	34.6%	45.7%
ECO101069	KPN301301	63%	98.9%	98.9%
ECO101069	LPN100258	25%	91.1%	96.0%
ECO101069	MCA100346	28%	70.3%	73.6%
ECO101069	MAV100375	26%	60.2%	56.3%
ECO101069	MBV101892	25%	60.2%	56.3%
ECO101069	MTU200806	25%	60.2%	57.4%
ECO101069	PMU101465	28%	37.2%	48.2%
ECO101069	PRT106034	49%	96.7%	93.8%
ECO101069	PAE202962	35%	90.3%	89.3%
ECO101069	PPU104805	34%	94.4%	93.4%
ECO101069	PSY101696	35%	90.0%	88.9%
ECO101069	SPA100628	69%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101069	STY102534	69%	100%	100%
ECO101069	STM102724	69%	100%	100%
ECO101069	VCH101988	38%	92.2%	89.5%
ECO101069	YPS003142	56%	98.5%	98.9%
ECO101084	ABA102335	34%	83.5%	92.0%
ECO101084	BAN111797	31%	66.9%	92.9%
ECO101084	BAN111738	31%	66.9%	81.7%
ECO101084	BFR104010	29%	34.3%	38.3%
ECO101084	BPT102076	38%	83.1%	94.7%
ECO101084	BCE113954	36%	83.5%	94.7%
ECO101084	BFU108190	35%	81.8%	95.5%
ECO101084	CJU100336	32%	28.8%	30.5%
ECO101084	CAC101145	26%	56.4%	64.1%
ECO101084	EBC101033	76%	95.3%	100%
ECO101084	ECO101084	100%	100%	100%
ECO101084	KPN302583	76%	81.4%	99.0%
ECO101084	MAV105209	33%	36.9%	49.5%
ECO101084	PAE202929	32%	82.6%	99.0%
ECO101084	PSY102126	30%	82.6%	86.8%
ECO101084	SPA102806	80%	89.0%	99.5%
ECO101084	STY102549	80%	89.0%	99.5%
ECO101084	VCH103717	27%	69.1%	84.3%
ECO101086	EBC101581	84%	97.8%	97.5%
ECO101086	ECO101086	100%	100%	100%
ECO101086	KPN302588	81%	100%	100%
ECO101086	LPN100159	41%	69.7%	89.3%
ECO101086	PRT102313	54%	94.4%	98.4%
ECO101086	PPU106532	39%	91.6%	89.2%
ECO101086	SPA102803	76%	100%	100%
ECO101086	STY102551	87%	82.2%	100%
ECO101086	VCH102794	48%	94.1%	96.4%
ECO101088	BFR100953	23%	55.2%	53.1%
ECO101088	BCE105922	22%	65.0%	65.2%
ECO101088	EBC100965	68%	97.5%	97.5%
ECO101088	EFM200997	25%	32.8%	17.9%
ECO101088	ECO101088	100%	100%	100%
ECO101088	LMO102112	20%	90.8%	88.0%
ECO101088	PAE202240	23%	55.2%	51.0%
ECO101088	SPN300353	24%	34.5%	29.8%
ECO101089	CJU100871	21%	100%	100%
ECO101089	CTR200422	25%	45.9%	39.9%
ECO101089	EBC100964	90%	67.2%	94.7%
ECO101089	ECO101089	100%	100%	100%
ECO101089	HIN101524	45%	99.2%	99.2%
ECO101089	HPY100774	24%	98.2%	98.0%
ECO101089	KPN302592	90%	100%	99.3%
ECO101089	MAV108493	26%	80.2%	76.9%
ECO101089	MBV103715	22%	92.5%	86.3%
ECO101089	MTU200976	22%	93.0%	96.7%
ECO101089	MGE100066	25%	17.3%	5.3%
ECO101089	PMU100560	44%	99.0%	99.0%
ECO101089	PRT100169	60%	100%	100%
ECO101089	SPA102801	91%	100%	100%
ECO101089	STY102553	93%	100%	91.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101089	STM102743	93%	100%	91.5%
ECO101089	SAU802360	20%	41.4%	44.7%
ECO101089	VCH101854	52%	100%	99.0%
ECO101089	YPS003223	78%	100%	100%
ECO101095	BCE110408	34%	46.8%	28.1%
ECO101095	BFU109811	35%	30.8%	15.0%
ECO101095	ECO101095	100%	100%	100%
ECO101096	ABA105535	24%	54.0%	52.8%
ECO101096	BAN107331	34%	86.8%	98.4%
ECO101096	BAN107811	36%	96.8%	97.1%
ECO101096	BFR11543	28%	87.6%	73.8%
ECO101096	BBU100638	34%	82.5%	82.5%
ECO101096	CAC100714	39%	92.5%	91.0%
ECO101096	CBO100586	40%	92.2%	52.0%
ECO101096	CDF100910	40%	92.8%	91.7%
ECO101096	EBC101881	91%	98.6%	100%
ECO101096	EFA201564	40%	96.0%	92.2%
ECO101096	EFM202059	39%	95.4%	91.6%
ECO101096	ECO101096	100%	100%	100%
ECO101096	HIN101310	54%	94.3%	86.8%
ECO101096	KPN300453	94%	58.3%	96.7%
ECO101096	KPN302593	91%	100%	100%
ECO101096	LPN101055	39%	95.7%	97.9%
ECO101096	LMO102691	38%	92.8%	90.5%
ECO101096	MPN100096	23%	69.0%	56.7%
ECO101096	PMU100260	50%	98.0%	98.3%
ECO101096	PMU100261	54%	100%	97.2%
ECO101096	PRT100582	78%	100%	100%
ECO101096	SPA102407	92%	95.7%	100%
ECO101096	STY102558	93%	100%	100%
ECO101096	SAU801102	38%	96.8%	97.2%
ECO101096	SEP200816	38%	99.1%	98.9%
ECO101096	SHA100355	40%	92.8%	91.1%
ECO101096	SMU100062	40%	92.8%	90.2%
ECO101096	SPN401242	41%	91.1%	90.2%
ECO101096	SPY200838	39%	98.0%	95.2%
ECO101096	TPA100647	32%	98.0%	97.4%
ECO101096	VCH103826	39%	99.1%	99.4%
ECO101096	VCH101404	58%	100%	93.7%
ECO101096	VCH101403	65%	95.7%	95.9%
ECO101102	EBC102866	81%	99.8%	99.8%
ECO101102	ECO101102	100%	100%	100%
ECO101102	KPN302587	82%	60.7%	100%
ECO101102	PRT103095	53%	96.7%	97.1%
ECO101102	PAE201179	33%	95.7%	98.7%
ECO101102	PPU108062	32%	95.7%	98.7%
ECO101102	PSY104543	30%	95.7%	98.7%
ECO101102	SPA104232	86%	96.9%	100%
ECO101102	STY102565	85%	100%	100%
ECO101102	VCH101612	32%	59.9%	61.7%
ECO101102	YPS003253	62%	97.9%	98.6%
ECO101104	ABA105711	64%	99.3%	98.5%
ECO101104	BAN108908	26%	67.5%	70.6%
ECO101104	BAN107339	26%	63.2%	65.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101104	BFR11423	50%	97.8%	97.6%
ECO101104	BPT102211	62%	98.0%	94.3%
ECO101104	BCE110636	61%	99.3%	98.1%
ECO101104	BFU103343	25%	62.1%	59.3%
ECO101104	BMA107095	62%	99.3%	93.8%
ECO101104	CJU100023	30%	58.6%	57.9%
ECO101104	CBO102979	22%	66.9%	60.8%
ECO101104	CDF100863	21%	85.1%	82.7%
ECO101104	CDP100537	25%	61.8%	58.0%
ECO101104	EBC102864	92%	100%	100%
ECO101104	EFA200867	27%	72.8%	75.4%
ECO101104	EFM201242	28%	73.9%	74.7%
ECO101104	ECO101104	100%	100%	100%
ECO101104	HIN100620	77%	99.8%	99.8%
ECO101104	HPY101095	27%	57.9%	57.5%
ECO101104	KPN300325	87%	19.3%	87.1%
ECO101104	KPN301141	93%	99.8%	100%
ECO101104	LPN100438	56%	99.1%	99.1%
ECO101104	LMO102395	28%	65.6%	67.9%
ECO101104	MCA100711	66%	98.2%	98.5%
ECO101104	MAV104228	24%	67.1%	62.7%
ECO101104	MBV105328	23%	67.1%	62.9%
ECO101104	MLP101330	24%	67.1%	62.9%
ECO101104	MTU200771	23%	67.1%	62.9%
ECO101104	NGO101832	62%	97.8%	98.2%
ECO101104	NME202038	62%	97.8%	98.2%
ECO101104	PMU101851	77%	99.8%	100%
ECO101104	PRT100590	84%	99.8%	99.8%
ECO101104	PAE202627	70%	98.2%	98.5%
ECO101104	PPU103014	68%	93.4%	98.4%
ECO101104	PSY104080	70%	98.2%	95.1%
ECO101104	SPA104234	90%	100%	100%
ECO101104	STY102567	94%	100%	100%
ECO101104	SAU801908	27%	71.5%	74.0%
ECO101104	SEP200567	25%	77.2%	81.7%
ECO101104	SHA100373	27%	67.5%	69.1%
ECO101104	SMU101297	28%	73.9%	74.5%
ECO101104	SPN400056	28%	73.9%	74.5%
ECO101104	SPY200028	27%	82.0%	86.7%
ECO101104	VCH101107	82%	99.8%	100%
ECO101104	YPS003261	88%	100%	100%
ECO101111	ECO101111	100%	100%	100%
ECO101111	KPN202195	62%	98.3%	99.6%
ECO101111	SAU600734	30%	26.9%	30.0%
ECO101111	SEP202424	30%	29.5%	18.7%
ECO101111	UUR100275	24%	40.2%	32.3%
ECO101111	VCH103209	28%	38.0%	34.2%
ECO101128	EBC102415	23%	85.4%	82.6%
ECO101128	ECO102311	60%	74.5%	65.8%
ECO101128	ECO101128	100%	100%	100%
ECO101128	NME201221	42%	25.5%	17.4%
ECO101128	SPA103143	28%	43.8%	17.8%
ECO101128	STY102590	56%	87.6%	82.9%
ECO101134	ECO100548	44%	96.3%	86%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101134	ECO101520	44%	100%	95.0%
ECO101134	ECO101134	100%	100%	100%
ECO101134	KPN304995	34%	93.3%	96.2%
ECO101134	SPA104168	39%	98.5%	99.3%
ECO101134	STY102095	40%	94.8%	96.9%
ECO101134	STM101947	40%	94.8%	96.9%
ECO101134	SAU800348	24%	37.3%	38.8%
ECO101136	EBC102244	60%	100%	100%
ECO101136	ECO101136	100%	100%	100%
ECO101136	KPN301814	65%	100%	100%
ECO101136	PAE203256	27%	53.6%	36.4%
ECO101136	PSY103058	31%	59.6%	91.3%
ECO101136	SMU101553	26%	23.8%	23.8%
ECO101136	VCH101614	31%	59.8%	94.6%
ECO101139	ECO101139	100%	100%	100%
ECO101139	KPN300326	56%	70.5%	98.4%
ECO101139	SPA109612	41%	75%	79.3%
ECO101139	STY105236	40%	75%	79.3%
ECO101152	ABA103728	35%	69.4%	83.2%
ECO101152	EBC100100	83%	84.3%	100%
ECO101152	ECO101152	100%	100%	100%
ECO101152	HIN101415	43%	75%	75.7%
ECO101152	KPN304811	79%	86.1%	100%
ECO101152	MCA101920	32%	87.0%	96.2%
ECO101152	PMU100444	45%	75.9%	98.8%
ECO101152	PRT106055	64%	86.1%	97.9%
ECO101152	PAE201294	39%	76.9%	84.5%
ECO101152	PPU108346	43%	75.9%	92.8%
ECO101152	PSY105502	42%	64.8%	95.1%
ECO101152	SPA103241	85%	89.8%	100%
ECO101152	STY101740	83%	95.4%	93.6%
ECO101152	VCH101927	48%	85.2%	89.2%
ECO101152	YPS003546	71%	78.7%	94.4%
ECO101153	ABA100124	44%	89.0%	91.5%
ECO101153	BAN101423	32%	83.1%	64.2%
ECO101153	BAN104355	33%	90.0%	67.9%
ECO101153	BFR11202	38%	92.2%	97.1%
ECO101153	BPT102787	40%	90.4%	87.0%
ECO101153	BCE110764	45%	90.4%	79.5%
ECO101153	BFU108950	42%	83.1%	62.6%
ECO101153	BMA106711	43%	92.7%	86.8%
ECO101153	CJU100021	25%	87.2%	68.8%
ECO101153	CDF103166	30%	83.1%	61.7%
ECO101153	CDF101613	30%	84.9%	63%
ECO101153	CDP100223	30%	89.0%	69.6%
ECO101153	EBC101919	37%	90.0%	5.4%
ECO101153	ECO101153	100%	100%	100%
ECO101153	KPN308845	86%	100%	100%
ECO101153	LPN100114	24%	77.6%	54.5%
ECO101153	LMO102616	33%	89.5%	71.3%
ECO101153	MCA102285	39%	93.6%	94.3%
ECO101153	MAV100179	41%	89.0%	72.4%
ECO101153	MBV101328	40%	89.0%	72.1%
ECO101153	MLP101033	38%	89.0%	80.2%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101153	MTU202955	40%	89.0%	79.9%
ECO101153	NGO100109	39%	89.5%	89.9%
ECO101153	NME201411	38%	89.5%	89.9%
ECO101153	PMU101529	32%	83.1%	70.5%
ECO101153	PRT105162	68%	100%	100%
ECO101153	PAE200317	51%	99.5%	99.1%
ECO101153	PPU102070	50%	99.5%	99.1%
ECO101153	PSY107523	45%	99.5%	98.6%
ECO101153	SPA103242	80%	100%	100%
ECO101153	STY101738	84%	100%	100%
ECO101153	STM102228	38%	86.8%	7.9%
ECO101153	SAU800968	31%	93.2%	69.3%
ECO101153	SEP200184	31%	93.2%	69.1%
ECO101153	SHA101674	30%	93.2%	69.1%
ECO101153	VCH103722	36%	85.8%	83.8%
ECO101153	YPS003552	72%	100%	100%
ECO101161	BAN104595	27%	90.4%	94.9%
ECO101161	BAN106003	30%	91.2%	93.6%
ECO101161	BPT101374	61%	94.9%	94.9%
ECO101161	BCE109277	65%	95.9%	88.0%
ECO101161	BFU100577	65%	95.1%	84.8%
ECO101161	CAC101054	35%	92.9%	94.8%
ECO101161	EBC101838	96%	100%	100%
ECO101161	ECO101161	100%	100%	100%
ECO101161	KPN304804	94%	99.2%	99.2%
ECO101161	LPN101390	65%	96.5%	97.0%
ECO101161	PAE200585	68%	96.7%	95.2%
ECO101161	PPU100633	68%	92.5%	95.9%
ECO101161	PSY103400	66%	96.7%	94.6%
ECO101161	SPA101758	97%	100%	100%
ECO101161	STY101724	96%	100%	100%
ECO101161	STM101822	96%	100%	100%
ECO101161	VCH101844	74%	97.5%	95.9%
ECO101161	YPS000678	84%	99.0%	99.4%
ECO101174	EBC105172	64%	6.1%	78%
ECO101174	EBC103524	71%	99.4%	99.5%
ECO101174	ECO101174	100%	100%	100%
ECO101174	KPN308982	74%	98.1%	98.3%
ECO101175	BFR104377	22%	14.6%	35.6%
ECO101175	CPN100014	25%	15.4%	15.0%
ECO101175	CPN100432	20%	32.1%	35.6%
ECO101175	CPN100430	18%	19.6%	50.5%
ECO101175	CPN100435	20%	40.9%	37.0%
ECO101175	CAC102963	23%	32.0%	48.4%
ECO101175	ECO101175	100%	100%	100%
ECO101175	NGO103389	27%	28.4%	90.8%
ECO101175	YPS002558	24%	57.1%	31.5%
ECO101179	ABA100211	24%	87.1%	91.3%
ECO101179	ABA104416	24%	93.6%	95.8%
ECO101179	BAN100939	22%	74.9%	78.8%
ECO101179	BAN109556	30%	88.5%	91.1%
ECO101179	BFR11789	37%	95.5%	98.1%
ECO101179	BPT103036	41%	96.5%	93.4%
ECO101179	BCE112681	27%	92%	95.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101179	BFU113350	28%	84.2%	88.0%
ECO101179	BMA103833	27%	88.7%	91.5%
ECO101179	CPN200824	35%	97.5%	93.5%
ECO101179	CTR200240	35%	97.8%	88.4%
ECO101179	CBO103098	38%	94.7%	93.3%
ECO101179	CDP103271	30%	14.7%	71.9%
ECO101179	EBC101346	91%	58.5%	96.7%
ECO101179	EFA202070	32%	94.7%	93.1%
ECO101179	ECO101179	100%	100%	100%
ECO101179	HPY100224	26%	75.5%	95.4%
ECO101179	KPN305984	89%	100%	98.4%
ECO101179	LPN103014	25%	74.4%	85.1%
ECO101179	LPN101097	28%	75.3%	81.8%
ECO101179	LMO100913	37%	96.9%	96.3%
ECO101179	MCA100381	25%	81.6%	80.5%
ECO101179	MAV101853	30%	75.1%	83.5%
ECO101179	MBV105373	31%	88.2%	90.7%
ECO101179	MLP101357	29%	75.1%	78.0%
ECO101179	MTU201685	31%	88.2%	90.7%
ECO101179	PMU100948	58%	95.8%	93.8%
ECO101179	PRT104187	71%	99.8%	97.5%
ECO101179	PAE202561	29%	87.6%	90.5%
ECO101179	PPU103595	29%	90.2%	91.0%
ECO101179	PSY101243	29%	92%	91.6%
ECO101179	SPA100376	87%	69.3%	100%
ECO101179	STY101680	92%	100%	98.0%
ECO101179	STM101479	93%	100%	99.5%
ECO101179	SEP200020	37%	23.8%	72.8%
ECO101179	SEP200018	28%	88.5%	90.9%
ECO101179	SHA102089	22%	74.4%	93.3%
ECO101179	SHA102439	28%	88.5%	90.9%
ECO101179	VCH102813	39%	96.4%	94.9%
ECO101180	ABA100157	66%	98.4%	100%
ECO101180	BAN112499	57%	45.1%	92.2%
ECO101180	BAN106136	39%	89.5%	87.8%
ECO101180	BAN101660	51%	98.7%	97.2%
ECO101180	BFR10407	44%	97.8%	96.8%
ECO101180	BPT100617	64%	97.8%	97.2%
ECO101180	BBU100543	28%	89.2%	75.9%
ECO101180	BCE112713	63%	98.4%	96.6%
ECO101180	BFU100079	62%	98.4%	97.2%
ECO101180	BMA100055	63%	98.4%	97.2%
ECO101180	CJU100848	56%	99.4%	99.7%
ECO101180	CAC100050	53%	99.0%	97.5%
ECO101180	CBO100851	55%	98.7%	97.5%
ECO101180	CDF100459	53%	98.7%	98.1%
ECO101180	CDP100215	42%	99.0%	95.7%
ECO101180	EBC101345	99%	100%	100%
ECO101180	EFA201512	50%	99.4%	96.6%
ECO101180	EFM200023	50%	99.4%	96.6%
ECO101180	ECO101180	100%	100%	100%
ECO101180	HIN101576	85%	99.4%	99.7%
ECO101180	HPY100730	53%	99.4%	96.9%
ECO101180	KPN303464	96%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101180	LPN101587	63%	99.4%	99.4%
ECO101180	LMO100583	47%	99.4%	97.8%
ECO101180	MCA100701	65%	100%	100%
ECO101180	MAV105952	43%	99.0%	96.0%
ECO101180	MBV105572	43%	98.1%	98.7%
ECO101180	MLP100179	43%	99.0%	95.7%
ECO101180	MTU201006	43%	99.0%	96.0%
ECO101180	MGE100060	43%	88.9%	94.9%
ECO101180	MPN100082	43%	97.8%	79.9%
ECO101180	NGO101084	66%	98.4%	94.5%
ECO101180	NME201007	66%	98.4%	94.5%
ECO101180	PMU100244	87%	99.4%	99.7%
ECO101180	PRT101362	94%	100%	100%
ECO101180	PAE204667	67%	99.4%	99.7%
ECO101180	PPU104089	67%	78.1%	99.6%
ECO101180	PSY102431	67%	99.4%	99.7%
ECO101180	SPA100616	97%	99.7%	100%
ECO101180	STY101673	99%	100%	100%
ECO101180	STM101478	99%	100%	100%
ECO101180	SAU800500	49%	98.7%	96.9%
ECO101180	SEP201833	48%	98.7%	96.9%
ECO101180	SHA100895	49%	69.2%	95.6%
ECO101180	SMU101229	50%	99.0%	97.2%
ECO101180	SPN400028	50%	99.0%	92.3%
ECO101180	SPY200014	51%	99.0%	97.8%
ECO101180	TPA100291	29%	90.8%	74.8%
ECO101180	UUR100193	41%	99.4%	94.5%
ECO101180	VCH102150	82%	99.4%	99.7%
ECO101180	YPS003242	97%	100%	100%
ECO101183	ABA100136	45%	95.9%	93.9%
ECO101183	BAN108277	32%	99.5%	99.5%
ECO101183	BAN105102	33%	100%	94.6%
ECO101183	BPT101741	45%	97.4%	95.5%
ECO101183	BCE101777	43%	53.8%	93.8%
ECO101183	BFU107323	44%	98.3%	97.2%
ECO101183	BMA107107	44%	98.6%	86.7%
ECO101183	CJU100504	31%	93.8%	88.9%
ECO101183	CPN200031	28%	52.4%	62.2%
ECO101183	CTR200033	29%	53.8%	65.2%
ECO101183	CAC100929	29%	81.6%	81.3%
ECO101183	CDF100797	23%	46.9%	30.1%
ECO101183	CDP100770	28%	99.8%	92.1%
ECO101183	EBC101342	94%	100%	100%
ECO101183	ECO101183	100%	100%	100%
ECO101183	HPY100235	27%	96.4%	90.4%
ECO101183	KPN303475	92%	100%	100%
ECO101183	LPN100434	41%	98.6%	88.7%
ECO101183	LMO102359	34%	85.4%	81.8%
ECO101183	MCA100694	41%	99.3%	98.2%
ECO101183	MBV102365	32%	100%	91.2%
ECO101183	MLP101439	31%	100%	91.4%
ECO101183	MTU200507	32%	100%	91.2%
ECO101183	NGO101400	44%	96.2%	96.1%
ECO101183	NME200701	44%	96.2%	96.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101183	PMU100684	50%	99.3%	98.8%
ECO101183	PRT101365	74%	99.8%	99.3%
ECO101183	PAE204663	50%	100%	98.6%
ECO101183	PPU109698	51%	99.8%	97.6%
ECO101183	PSY102425	50%	85.9%	96.8%
ECO101183	SPA100011	74%	65.6%	100%
ECO101183	STY101664	94%	100%	100%
ECO101183	SAU801672	33%	100%	93.8%
ECO101183	SEP201646	32%	100%	93.8%
ECO101183	SHA100381	33%	100%	93.8%
ECO101183	VCH102147	60%	100%	99.3%
ECO101183	YPS003254	79%	100%	99.5%
ECO101184	ABA105579	61%	99.7%	99.2%
ECO101184	BAN113068	47%	94.2%	99.4%
ECO101184	BAN100929	51%	96.7%	98.6%
ECO101184	BFR11151	47%	97.2%	97.3%
ECO101184	BPT101750	65%	98.9%	98.9%
ECO101184	BBU100195	49%	98.1%	99.4%
ECO101184	BCE108751	61%	100%	100%
ECO101184	BFU107325	61%	100%	100%
ECO101184	BMA103540	60%	100%	100%
ECO101184	CJU101518	53%	98.6%	99.2%
ECO101184	CPN200648	52%	94.2%	95.8%
ECO101184	CTR200287	54%	94.4%	95.5%
ECO101184	CAC101625	50%	96.9%	97.8%
ECO101184	CBO100481	50%	97.8%	98.9%
ECO101184	CDF101347	51%	97.8%	100%
ECO101184	CDP100071	45%	97.8%	99.4%
ECO101184	EBC100920	95%	68.9%	100%
ECO101184	EFA201655	51%	96.1%	97.5%
ECO101184	EFM200375	50%	96.9%	98.3%
ECO101184	ECO101184	100%	100%	100%
ECO101184	HIN101530	73%	99.7%	99.4%
ECO101184	HPY100075	53%	96.1%	98.3%
ECO101184	KPN303478	92%	100%	100%
ECO101184	LPN101572	61%	100%	100%
ECO101184	LMO101439	50%	97.5%	98.6%
ECO101184	MCA100127	61%	99.7%	100%
ECO101184	MAV106507	46%	96.7%	98.0%
ECO101184	MBV105506	45%	94.2%	95.5%
ECO101184	MLP100700	43%	94.2%	95.6%
ECO101184	MTU201282	45%	94.2%	95.5%
ECO101184	MGE100263	42%	89.2%	89.7%
ECO101184	MPN100475	41%	89.2%	89.7%
ECO101184	NGO100540	62%	99.4%	100%
ECO101184	NME201794	63%	99.4%	100%
ECO101184	PMU100555	74%	99.7%	99.7%
ECO101184	PRT101055	82%	100%	100%
ECO101184	PAE204662	65%	99.4%	100%
ECO101184	PPU109700	66%	99.4%	100%
ECO101184	PSY102423	66%	99.4%	100%
ECO101184	SPA100352	87%	100%	100%
ECO101184	STY101661	96%	100%	100%
ECO101184	SAU802118	50%	98.1%	98.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101184	SEP201909	50%	98.1%	98.9%
ECO101184	SHA100601	50%	98.1%	98.9%
ECO101184	SMU100318	49%	98.6%	99.7%
ECO101184	SPN400924	49%	98.6%	99.7%
ECO101184	SPY200868	48%	98.3%	99.4%
ECO101184	TPA100050	49%	94.4%	97.4%
ECO101184	UUR100003	43%	95.8%	97.8%
ECO101184	VCH102146	72%	99.7%	99.7%
ECO101184	YPS003258	85%	100%	100%
ECO101185	ABA104460	46%	91.0%	92.3%
ECO101185	BAN105078	28%	87.0%	87.9%
ECO101185	BAN103528	30%	95.3%	95.8%
ECO101185	BFR102113	29%	97.1%	97.5%
ECO101185	BPT101752	42%	91.7%	94.4%
ECO101185	BCE115118	45%	94.2%	95.7%
ECO101185	BFU107327	45%	94.2%	93.7%
ECO101185	BMA107849	44%	95.7%	95.4%
ECO101185	CJU100672	28%	89.5%	87.5%
ECO101185	CAC100499	31%	90.3%	89.5%
ECO101185	CBO100136	30%	91.7%	88.7%
ECO101185	CDF100750	35%	92.8%	92.9%
ECO101185	CDP100074	29%	94.2%	93.8%
ECO101185	EBC100919	69%	99.3%	100%
ECO101185	EFA201657	34%	86.6%	87.0%
ECO101185	EFM201604	36%	90.3%	86.2%
ECO101185	ECO101185	100%	100%	100%
ECO101185	HIN101528	57%	98.6%	98.6%
ECO101185	HPY100377	30%	90.6%	89.1%
ECO101185	KPN300226	89%	23.8%	100%
ECO101185	KPN300540	71%	51.3%	80.7%
ECO101185	KPN303481	75%	98.9%	97.2%
ECO101185	LPN101502	43%	96.8%	94.1%
ECO101185	LMO101395	32%	81.9%	81.3%
ECO101185	MCA100943	41%	97.1%	93.2%
ECO101185	MAV106509	31%	96.8%	90.1%
ECO101185	MBV105507	32%	79.8%	68.6%
ECO101185	MLP100701	34%	82.7%	80.9%
ECO101185	MTU201283	32%	79.8%	68.6%
ECO101185	NGO101039	43%	94.6%	91.0%
ECO101185	NME200343	43%	94.6%	96.0%
ECO101185	PMU100556	51%	98.6%	99.0%
ECO101185	PRT105490	65%	99.3%	97.5%
ECO101185	PAE204661	53%	95.3%	95.7%
ECO101185	PPU109702	49%	94.9%	95.3%
ECO101185	PSY102421	48%	94.6%	94.9%
ECO101185	SPA100351	74%	59.9%	100%
ECO101185	STY101658	76%	99.3%	99.3%
ECO101185	SAU802117	32%	97.5%	97.8%
ECO101185	SEP201908	31%	94.6%	94.2%
ECO101185	SHA100602	27%	97.5%	97.8%
ECO101185	SMU100315	33%	90.3%	89.9%
ECO101185	SPN400925	36%	76.9%	76.0%
ECO101185	SPY200869	33%	89.2%	88.2%
ECO101185	TPA100051	28%	93.9%	86.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101185	VCH102145	53%	97.1%	95.1%
ECO101185	YPS003269	62%	99.3%	99.3%
ECO101186	BCE103057	28%	93.8%	29.6%
ECO101186	BMA105726	26%	74.6%	18.9%
ECO101186	EBC100918	63%	95.4%	99.2%
ECO101186	ECO101186	100%	100%	100%
ECO101186	HIN101225	27%	85.4%	87.4%
ECO101186	KPN303484	58%	100%	100%
ECO101186	NGO101989	28%	89.2%	90.3%
ECO101186	NME200882	29%	89.2%	90.3%
ECO101186	PMU100842	25%	91.5%	96.7%
ECO101186	PAE110961	31%	91.5%	94.1%
ECO101186	SPA103126	72%	98.5%	99.2%
ECO101186	STY101655	73%	98.5%	99.2%
ECO101186	VCH102144	38%	96.9%	97.6%
ECO101186	YPS003272	50%	92.3%	89.5%
ECO101188	ABA105640	66%	98.6%	97.5%
ECO101188	BAN100484	28%	68.0%	52.1%
ECO101188	BAN110262	28%	72.5%	54.5%
ECO101188	BFR11555	46%	90.1%	95.1%
ECO101188	BPT101704	45%	94.4%	96.5%
ECO101188	BCE113835	43%	93.7%	95.1%
ECO101188	BFU102357	43%	95.1%	96.5%
ECO101188	BMA104317	42%	95.1%	96.5%
ECO101188	CJU100352	45%	90.1%	97.4%
ECO101188	CPN200024	42%	91.2%	95.6%
ECO101188	CTR200025	41%	92.6%	96.3%
ECO101188	CAC100242	30%	74.3%	59.3%
ECO101188	CBO100238	23%	94.7%	94.4%
ECO101188	CDF102295	28%	74.6%	59.6%
ECO101188	EBC100731	93%	99.6%	100%
ECO101188	EFA201864	28%	77.1%	60.1%
ECO101188	EFM101476	27%	77.1%	62.5%
ECO101188	ECO101188	100%	100%	100%
ECO101188	HIN101526	81%	99.6%	99.6%
ECO101188	HPY100003	42%	89.4%	95.7%
ECO101188	KPN303462	95%	100%	100%
ECO101188	LPN101508	44%	66.9%	91.7%
ECO101188	LMO100466	27%	91.2%	66.8%
ECO101188	MCA101098	64%	98.6%	96.9%
ECO101188	NGO101001	71%	95.1%	96.4%
ECO101188	NME201359	71%	95.1%	96.4%
ECO101188	PMU100558	80%	99.6%	99.6%
ECO101188	PRT101058	89%	100%	100%
ECO101188	PAE203634	68%	99.6%	100%
ECO101188	PPU107961	73%	95.1%	96.4%
ECO101188	PSY104331	66%	99.6%	100%
ECO101188	SPA103128	93%	99.3%	100%
ECO101188	STY101650	93%	99.3%	99.3%
ECO101188	SAU801737	26%	74.3%	55.1%
ECO101188	SEP202083	26%	74.3%	55.1%
ECO101188	SHA100400	26%	74.3%	74.6%
ECO101188	SPY201217	26%	76.1%	81.2%
ECO101188	VCH102142	80%	98.9%	99.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101188	YPS003280	90%	100%	100%
ECO101196	BMA100869	53%	97.4%	3.7%
ECO101196	CTR200330	21%	73.9%	66.2%
ECO101196	EBC100127	84%	47.5%	100%
ECO101196	ECO101196	100%	100%	100%
ECO101196	KPN303485	86%	99.1%	99.4%
ECO101196	MCA101703	51%	95.7%	4.4%
ECO101196	MBV104795	41%	96.5%	93.3%
ECO101196	MLP100509	35%	95.7%	85.7%
ECO101196	MTU200266	41%	96.5%	93.3%
ECO101196	PRT102088	77%	100%	100%
ECO101196	PAE203873	60%	97.2%	96.2%
ECO101196	SPA103125	79%	99.8%	100%
ECO101196	STY102957	94%	99.8%	99.4%
ECO101197	BAN101011	41%	97.4%	98.8%
ECO101197	BAN102461	51%	99.0%	99.5%
ECO101197	BMA109820	66%	99.8%	94.4%
ECO101197	EBC101930	94%	56.9%	100%
ECO101197	ECO101197	100%	100%	100%
ECO101197	KPN200831	93%	100%	100%
ECO101197	MCA101683	69%	99.6%	99.3%
ECO101197	MAV100250	46%	98.4%	95.9%
ECO101197	PRT105206	79%	99.4%	99.0%
ECO101197	PAE203872	70%	99.0%	98.4%
ECO101197	STY102963	95%	100%	100%
ECO101197	SAU802397	49%	98.2%	99.3%
ECO101197	SEP202550	49%	98.2%	99.3%
ECO101197	SHA101605	50%	98.2%	99.3%
ECO101203	ABA105151	41%	95.4%	94.8%
ECO101203	BPT101640	39%	97.1%	97.2%
ECO101203	BCE105517	38%	97.1%	95.3%
ECO101203	BFU103387	41%	97.1%	82.8%
ECO101203	BMA109464	39%	97.1%	96.9%
ECO101203	CJU100729	52%	97.1%	98.5%
ECO101203	EBC100441	91%	85%	99.6%
ECO101203	ECO101203	100%	100%	100%
ECO101203	HIN101555	72%	98.9%	99.6%
ECO101203	HPY101413	44%	97.1%	98.3%
ECO101203	KPN300907	95%	100%	100%
ECO101203	MBV102042	40%	95.4%	88.1%
ECO101203	MTU202926	40%	95.4%	88.1%
ECO101203	PMU100873	73%	98.9%	99.6%
ECO101203	PRT105372	83%	98.6%	97.9%
ECO101203	PAE204312	43%	95.4%	96.1%
ECO101203	PPU103326	42%	95.4%	96.1%
ECO101203	PSY106080	42%	95.4%	96.1%
ECO101203	SPA100447	95%	100%	100%
ECO101203	STY102981	96%	100%	100%
ECO101203	STM101443	96%	100%	100%
ECO101203	VCH101962	72%	98.9%	100%
ECO101204	ABA103927	36%	98.7%	96.8%
ECO101204	BPT102324	44%	61.8%	96.7%
ECO101204	BCE100650	40%	78.3%	95.2%
ECO101204	BFU112636	38%	80.9%	88.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101204	BMA106301	40%	80.9%	88%
ECO101204	CDP102030	35%	34.9%	93.1%
ECO101204	EBC100442	76%	100%	100%
ECO101204	ECO101204	100%	100%	100%
ECO101204	HIN100264	37%	96.7%	90.7%
ECO101204	KPN300906	77%	78.3%	100%
ECO101204	LPN100121	40%	96.1%	96.9%
ECO101204	MCA100478	40%	78.9%	98.4%
ECO101204	NGO103687	43%	97.4%	91.3%
ECO101204	NME301805	40%	79.6%	94.5%
ECO101204	PMU101617	35%	99.3%	95.5%
ECO101204	PRT105076	55%	98.7%	93.3%
ECO101204	PAE201038	42%	96.7%	94.3%
ECO101204	PPU109585	43%	96.7%	92.5%
ECO101204	PSY105223	44%	98.0%	95.5%
ECO101204	SPA100448	78%	73.0%	100%
ECO101204	STM101441	78%	100%	100%
ECO101204	VCH101822	45%	96.7%	98.7%
ECO101204	YPS000756	53%	100%	100%
ECO101207	ABA100162	55%	95.7%	98.6%
ECO101207	BAN111872	47%	96.4%	99.3%
ECO101207	BAN109040	47%	96.4%	97.6%
ECO101207	BPT102489	47%	92.4%	97.8%
ECO101207	BBU100206	32%	88.7%	92.1%
ECO101207	BCE105937	51%	95.4%	95.6%
ECO101207	BFU111093	50%	88.7%	98.9%
ECO101207	BFU109685	53%	95.4%	96.2%
ECO101207	BFU101657	53%	97.4%	98.3%
ECO101207	BMA104769	54%	95.4%	96.2%
ECO101207	CJU101445	41%	88.7%	96.0%
ECO101207	CAC100976	43%	95.0%	97.6%
ECO101207	CAC101984	45%	95.4%	92.7%
ECO101207	CBO100817	46%	96.0%	87.3%
ECO101207	CDF100364	42%	97.4%	91.4%
ECO101207	CDF100059	45%	97.0%	87.7%
ECO101207	CDP100145	35%	79.1%	94.8%
ECO101207	EBC100908	92%	100%	100%
ECO101207	EFA201011	45%	91.7%	90.6%
ECO101207	EFM201430	44%	95.4%	95.9%
ECO101207	ECO101207	100%	100%	100%
ECO101207	HIN100792	73%	94.7%	97.6%
ECO101207	HPY100638	41%	90.1%	97.8%
ECO101207	KPN300622	94%	97.7%	100%
ECO101207	LMO100023	42%	91.7%	93.1%
ECO101207	MCA101061	49%	92.4%	97.3%
ECO101207	MAV101486	38%	97.4%	96.7%
ECO101207	MBV100622	38%	96.0%	95.4%
ECO101207	MLP100129	38%	96.0%	94.4%
ECO101207	MTU200982	38%	96.0%	95.4%
ECO101207	MGE100462	40%	90.1%	91.4%
ECO101207	MPN100175	43%	89.1%	91.1%
ECO101207	NGO100830	50%	95.7%	97.6%
ECO101207	NME200784	49%	95.7%	97.6%
ECO101207	PMU101289	73%	95.0%	98.0%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101207	PRT105513	76%	97.7%	98.7%
ECO101207	PAE202021	43%	88.7%	94.3%
ECO101207	PPU110452	42%	88.7%	94.3%
ECO101207	PSY105455	44%	88.7%	94.3%
ECO101207	SPA100524	89%	82.5%	100%
ECO101207	STY102987	97%	100%	100%
ECO101207	SAU802500	44%	95.7%	97.9%
ECO101207	SEP201007	46%	96.0%	98.3%
ECO101207	SHA101112	43%	96.0%	98.3%
ECO101207	SMU100644	45%	96.0%	93.8%
ECO101207	SPN401900	43%	96.4%	96.3%
ECO101207	SPY201685	43%	95.7%	94.1%
ECO101207	SPY200163	44%	95.7%	95.7%
ECO101207	TPA100106	35%	17.9%	10.3%
ECO101207	VCH100390	42%	88.7%	90.0%
ECO101207	YPS002957	73%	96.7%	99.3%
ECO101221	ABA100441	23%	38.6%	52.6%
ECO101221	BAN113211	22%	49.2%	66.3%
ECO101221	BAN103300	25%	53.5%	64.4%
ECO101221	BFR100072	27%	27.1%	40.1%
ECO101221	BPT100842	39%	88.2%	92.2%
ECO101221	BCE108130	36%	89.9%	94.6%
ECO101221	BFU104983	25%	19.7%	28.1%
ECO101221	BMA108356	24%	52.0%	67.2%
ECO101221	CTR100599	25%	31.7%	51.6%
ECO101221	CAC102036	32%	24.2%	38.7%
ECO101221	CDF102584	29%	28.5%	29.1%
ECO101221	CDP100971	24%	50.6%	58.3%
ECO101221	EBC101263	27%	42.0%	68.0%
ECO101221	EFA202691	27%	29.5%	82.7%
ECO101221	ECO101221	100%	100%	100%
ECO101221	HPY100485	21%	51.8%	57.9%
ECO101221	KPN301638	24%	46.3%	72.9%
ECO101221	LMO101830	34%	13.2%	23.5%
ECO101221	MCA101345	26%	47.2%	67.6%
ECO101221	MAV103284	28%	40.5%	28.4%
ECO101221	PRT102456	34%	89.0%	98.9%
ECO101221	PAE201495	26%	48.7%	72.8%
ECO101221	PPU107172	27%	25.2%	38.2%
ECO101221	PSY100737	24%	66.4%	79.5%
ECO101221	SPA103428	31%	24.2%	53.7%
ECO101221	STY103008	26%	48.0%	77.7%
ECO101221	STM105235	23%	39.8%	47.2%
ECO101221	UUR100580	23%	38.1%	34.3%
ECO101221	VCH102929	33%	24.0%	36.8%
ECO101221	YPS001416	37%	89.7%	94.6%
ECO101224	ABA100364	47%	100%	92.1%
ECO101224	BAN102628	31%	84.1%	69.2%
ECO101224	BAN101664	31%	87.1%	65.3%
ECO101224	BAN103900	32%	84.1%	64.3%
ECO101224	BPT102004	43%	94.7%	91.2%
ECO101224	BCE115180	43%	97.0%	92.6%
ECO101224	BFU110989	42%	98.5%	97.7%
ECO101224	BMA108472	44%	93.9%	89.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101224	CJU100845	41%	93.2%	89.8%
ECO101224	CPN200091	30%	81.1%	67.1%
ECO101224	CTR200811	30%	84.1%	67.9%
ECO101224	EBC101093	89%	90.2%	96.7%
ECO101224	EFA200335	29%	82.6%	59.6%
ECO101224	ECO101224	100%	100%	100%
ECO101224	HIN100807	69%	93.9%	80.5%
ECO101224	HPY100877	27%	90.2%	66.1%
ECO101224	KPN302777	84%	100%	100%
ECO101224	LPN100109	53%	93.2%	95.2%
ECO101224	LMO100599	30%	90.9%	68.6%
ECO101224	MCA103553	31%	96.2%	67.8%
ECO101224	NGO100300	60%	94.7%	85.1%
ECO101224	NME201034	60%	94.7%	85.1%
ECO101224	PMU100328	73%	93.9%	84.4%
ECO101224	PRT100747	74%	98.5%	90.9%
ECO101224	PAE205366	43%	93.9%	90.3%
ECO101224	PPU102253	44%	93.9%	91.7%
ECO101224	PSY103255	46%	93.2%	90.2%
ECO101224	SPA103418	90%	100%	100%
ECO101224	STY103013	90%	100%	99.2%
ECO101224	STM101403	90%	100%	99.2%
ECO101224	SAU801878	32%	84.1%	61.4%
ECO101224	SEP200517	34%	84.1%	61.4%
ECO101224	SHA100418	33%	84.1%	61.0%
ECO101224	VCH101673	63%	97.7%	88.4%
ECO101224	YPS000842	82%	94.7%	83.9%
ECO101225	ABA100372	31%	98.9%	99.5%
ECO101225	BPT100713	43%	98.9%	95.2%
ECO101225	BCE113703	45%	70.9%	100%
ECO101225	BFU101346	44%	98.3%	100%
ECO101225	BMA103282	42%	98.3%	84.6%
ECO101225	CAC101842	33%	38.0%	22.6%
ECO101225	CDF100727	35%	21.8%	11.5%
ECO101225	EBC101094	93%	99.4%	99.4%
ECO101225	ECO101225	100%	100%	100%
ECO101225	HIN100806	46%	98.3%	95.1%
ECO101225	KPN301102	93%	98.9%	98.9%
ECO101225	LPN103351	42%	98.3%	97.2%
ECO101225	MCA100772	30%	89.9%	87.7%
ECO101225	NGO101561	35%	98.9%	100%
ECO101225	NME201982	37%	98.9%	100%
ECO101225	PMU100329	51%	97.8%	96.2%
ECO101225	PRT100746	56%	98.9%	82.0%
ECO101225	PAE203199	44%	98.9%	96.4%
ECO101225	PPU112224	43%	96.6%	94.4%
ECO101225	PSY107398	44%	96.6%	93.9%
ECO101225	SPA103416	92%	100%	100%
ECO101225	STY103014	93%	100%	100%
ECO101225	STM101401	93%	100%	100%
ECO101225	SEP202595	22%	63.1%	59.1%
ECO101225	VCH101672	60%	99.4%	97.8%
ECO101225	YPS000845	75%	99.4%	98.9%
ECO101227	ABA104132	26%	95.3%	90.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101227	BPT102085	46%	97.2%	93.9%
ECO101227	BCE113475	27%	98.6%	93.7%
ECO101227	BFU105556	34%	97.2%	95.4%
ECO101227	BMA104685	37%	97.2%	92.5%
ECO101227	EBC101097	78%	100%	100%
ECO101227	ECO101227	100%	100%	100%
ECO101227	KPN301099	80%	100%	100%
ECO101227	PMU100331	46%	100%	100%
ECO101227	PRT100743	56%	100%	100%
ECO101227	PAE204064	44%	98.6%	97.8%
ECO101227	PPU108105	44%	99.5%	99.1%
ECO101227	PSY102225	46%	99.1%	97.4%
ECO101227	SPA103429	88%	100%	100%
ECO101227	STY103017	88%	100%	100%
ECO101227	VCH103587	53%	99.1%	99.5%
ECO101227	YPS000864	58%	100%	100%
ECO101232	ABA101674	31%	49.1%	97.1%
ECO101232	ABA101271	54%	96.2%	93.4%
ECO101232	BAN112775	46%	95.7%	96.2%
ECO101232	BAN112641	55%	95.7%	95.7%
ECO101232	BFR12098	50%	95.5%	96.7%
ECO101232	BPT100787	52%	95.7%	95.2%
ECO101232	BCE106968	55%	95.7%	95.7%
ECO101232	BFU106334	56%	95.7%	95.7%
ECO101232	BMA105225	56%	95.7%	90.0%
ECO101232	CJU100317	51%	97.0%	97.7%
ECO101232	CTR100786	54%	94.0%	95.2%
ECO101232	CAC100088	55%	96.5%	97.2%
ECO101232	CDP101544	56%	98.0%	79.4%
ECO101232	CDP101563	65%	99.5%	90.7%
ECO101232	EBC101417	94%	98.0%	100%
ECO101232	ECO101232	100%	100%	100%
ECO101232	HIN101397	82%	98.0%	98.0%
ECO101232	HPY101261	66%	97.0%	97.7%
ECO101232	KPN301482	94%	100%	100%
ECO101232	LPN101519	55%	95.7%	95.2%
ECO101232	LMO100726	52%	98.0%	97.2%
ECO101232	MCA100829	55%	96.5%	94.8%
ECO101232	MAV106589	55%	95.5%	89.4%
ECO101232	MBV101736	55%	94.5%	91.5%
ECO101232	MLP100789	55%	94.0%	89.4%
ECO101232	MTU201591	55%	94.5%	91.5%
ECO101232	NGO101060	55%	95.7%	95.2%
ECO101232	NME200836	54%	95.7%	95.2%
ECO101232	PMU100578	78%	99.0%	97.8%
ECO101232	PRT101792	85%	99.0%	99.2%
ECO101232	PAE200036	55%	95.5%	94.3%
ECO101232	PPU102955	54%	98.0%	96.0%
ECO101232	PSY101235	54%	97.7%	94.9%
ECO101232	SPA103415	95%	99.0%	100%
ECO101232	STY103023	96%	100%	100%
ECO101232	STM101376	96%	100%	100%
ECO101232	SAU801372	49%	97.7%	95.8%
ECO101232	SEP202063	52%	98.0%	96.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101232	SHA101692	50%	98.0%	96.3%
ECO101232	SMU100051	53%	97.5%	96.3%
ECO101232	SPN401630	52%	97.2%	95.1%
ECO101232	SPY100159	56%	41.8%	94.9%
ECO101232	VCH101151	81%	99.0%	99.2%
ECO101232	YPS000868	90%	99.5%	99.7%
ECO101233	ABA100546	40%	53.2%	91.8%
ECO101233	BAN104627	30%	75.9%	85.2%
ECO101233	BAN101920	33%	85.7%	96.6%
ECO101233	BFR11333	37%	53.0%	90.4%
ECO101233	BPT101671	40%	55.8%	99.6%
ECO101233	BCE110367	38%	53.6%	95.8%
ECO101233	BFU102502	39%	53.9%	96.2%
ECO101233	BMA104977	38%	55.6%	99.2%
ECO101233	CJU100463	39%	44.8%	79.5%
ECO101233	CTR200595	28%	42.6%	95.2%
ECO101233	CAC101913	40%	53.4%	94.3%
ECO101233	CDP101556	40%	99.8%	97.7%
ECO101233	EBC101418	84%	99.8%	100%
ECO101233	ECO101233	100%	100%	100%
ECO101233	HIN101357	55%	98.7%	96.9%
ECO101233	HPY101262	46%	99.8%	100%
ECO101233	KPN300203	87%	22.5%	100%
ECO101233	KPN301483	81%	99.8%	100%
ECO101233	LPN102878	38%	55.8%	99.2%
ECO101233	LMO102173	36%	52.5%	93.3%
ECO101233	MCA102336	34%	55.4%	96.7%
ECO101233	MAV106588	39%	45.9%	77.2%
ECO101233	MBV101739	35%	54.5%	89.0%
ECO101233	MLP100788	39%	45.9%	77.2%
ECO101233	MTU201590	35%	54.5%	92.3%
ECO101233	NGO101889	41%	55.6%	99.6%
ECO101233	NME202047	41%	55.6%	99.6%
ECO101233	PMU100580	51%	98.9%	98.7%
ECO101233	PRT101793	60%	98.9%	98.0%
ECO101233	PAE200650	40%	56.1%	94.6%
ECO101233	PPU107434	38%	56.1%	94.9%
ECO101233	PSY107999	40%	41.7%	95.0%
ECO101233	SPA102154	86%	99.1%	100%
ECO101233	STY103024	87%	99.8%	100%
ECO101233	STM101373	87%	99.8%	100%
ECO101233	SAU801370	36%	53.6%	94.2%
ECO101233	SEP202061	36%	56.3%	98.1%
ECO101233	SHA101691	34%	53.6%	94.2%
ECO101233	SMU100047	34%	52.1%	94.5%
ECO101233	SPN401632	37%	55.8%	98.0%
ECO101233	VCH101152	60%	99.8%	96.8%
ECO101233	YPS000870	72%	99.6%	94.9%
ECO101239	BCE115057	59%	3.5%	39.3%
ECO101239	ECO101239	100%	100%	100%
ECO101239	MBV101177	58%	4.4%	9.7%
ECO101239	YPS002265	27%	95.7%	93.4%
ECO101256	ABA105014	34%	63.7%	62.1%
ECO101256	BAN100800	32%	11.6%	92.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101256	BAN110296	30%	33.0%	51.7%
ECO101256	BAN110043	38%	30.9%	95.8%
ECO101256	BAN109795	27%	65.8%	53.1%
ECO101256	BAN104356	28%	65.2%	49.2%
ECO101256	BAN100401	30%	65.8%	93.8%
ECO101256	BAN101643	27%	90.6%	68.6%
ECO101256	BAN113748	33%	65.5%	62.7%
ECO101256	BAN106855	35%	56.9%	96.2%
ECO101256	BAN101846	30%	83.5%	62.4%
ECO101256	BAN106371	36%	64.1%	52.7%
ECO101256	BCE106179	53%	98.8%	98.4%
ECO101256	BFU111465	56%	98.8%	89.7%
ECO101256	BMA100349	37%	62.3%	52.9%
ECO101256	CAC102781	30%	63.8%	55.2%
ECO101256	CBO102943	34%	66.0%	48.8%
ECO101256	CDF103324	31%	6.2%	83.7%
ECO101256	CDF102742	27%	27.5%	21.6%
ECO101256	CDF101314	29%	28.3%	32.2%
ECO101256	CDF101143	27%	33.6%	73.6%
ECO101256	CDF103236	32%	23.3%	30.3%
ECO101256	CDF102708	23%	39.9%	48.0%
ECO101256	CDF102082	30%	28.3%	22.5%
ECO101256	CDF102872	31%	31.0%	18.2%
ECO101256	CDF103636	30%	32.7%	17.9%
ECO101256	CDF104338	27%	22.2%	18.3%
ECO101256	CDF104477	26%	63.5%	68.5%
ECO101256	CDF100533	26%	64.3%	69.8%
ECO101256	CDF101308	27%	63.7%	57.8%
ECO101256	CDF102441	27%	63.5%	82.5%
ECO101256	CDF101353	27%	64.1%	83.1%
ECO101256	CDF104196	28%	65.1%	57.3%
ECO101256	CDF101484	28%	64.6%	57.7%
ECO101256	CDF104553	28%	63.8%	57.8%
ECO101256	CDF104427	31%	63.7%	56.8%
ECO101256	CDF103374	28%	64.4%	56.5%
ECO101256	CDF102134	30%	63.5%	82.1%
ECO101256	CDF101213	28%	66.4%	45.3%
ECO101256	EBC101287	79%	99.1%	98.9%
ECO101256	ECO101256	100%	100%	100%
ECO101256	KPN303278	33%	81.1%	96.9%
ECO101256	LPN100768	45%	14.2%	87.9%
ECO101256	LPN101593	31%	28.4%	37.3%
ECO101256	LPN101435	25%	64.1%	80.3%
ECO101256	LPN102855	31%	83.4%	65.9%
ECO101256	LPN101338	34%	80.9%	70.3%
ECO101256	LPN101049	39%	63.4%	53.4%
ECO101256	LPN100036	37%	66.3%	80.8%
ECO101256	MAV105530	34%	64.0%	69.2%
ECO101256	MBV103119	32%	63.7%	68.2%
ECO101256	MLP101071	33%	64.0%	68.2%
ECO101256	MTU201337	32%	63.7%	68.2%
ECO101256	PAE204599	36%	83.7%	40.1%
ECO101256	PPU109748	37%	83.2%	44.5%
ECO101256	PSY104256	39%	44.9%	96.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101256	PSY105293	35%	91.2%	48.8%
ECO101256	SPA104345	84%	82.5%	97.5%
ECO101256	STY103069	79%	99.4%	98.9%
ECO101256	STM101295	79%	99.4%	98.9%
ECO101256	VCH100646	40%	63.4%	62.0%
ECO101256	YPS001063	36%	65.2%	54.8%
ECO101257	EBC100780	87%	75.2%	97.8%
ECO101257	ECO101257	100%	100%	100%
ECO101257	HIN101697	49%	99.2%	99.2%
ECO101257	KPN300505	87%	20.7%	86.9%
ECO101257	KPN301047	89%	76.7%	100%
ECO101257	PMU100181	47%	99.2%	99.4%
ECO101257	PRT101542	69%	99.8%	100%
ECO101257	SPA104347	64%	100%	100%
ECO101257	STY103071	90%	100%	100%
ECO101257	STM101292	90%	100%	100%
ECO101257	VCH103525	53%	99.7%	95.7%
ECO101257	YPS001621	74%	100%	100%
ECO101258	BCE111288	28%	24.7%	61.7%
ECO101258	BFU111198	28%	72.3%	57.1%
ECO101258	EBC101482	45%	97.5%	100%
ECO101258	ECO101258	100%	100%	100%
ECO101258	KPN301048	53%	94.0%	100%
ECO101258	PSY105711	29%	24.7%	63.0%
ECO101258	SPA104349	53%	94.3%	100%
ECO101258	STY103073	55%	70.3%	94.1%
ECO101258	STM101289	50%	80.8%	100%
ECO101258	YPS002921	37%	76.6%	73.7%
ECO101259	ABA105845	65%	98.1%	89.6%
ECO101259	BAN111495	32%	96.6%	98.1%
ECO101259	BAN110931	47%	96.6%	99.2%
ECO101259	BFR102480	27%	96.9%	87.1%
ECO101259	BPT101515	64%	96.2%	96.9%
ECO101259	BFU100534	65%	96.2%	95.8%
ECO101259	BMA108591	63%	96.2%	95.8%
ECO101259	CJU101319	47%	98.1%	93.4%
ECO101259	CPN200344	29%	95.4%	94.3%
ECO101259	CTR200374	32%	70.2%	61.4%
ECO101259	EBC101481	95%	100%	100%
ECO101259	EFA201890	47%	94.7%	98%
ECO101259	ECO101259	100%	100%	100%
ECO101259	HIN101698	75%	98.9%	87.8%
ECO101259	HPY100192	45%	100%	94.9%
ECO101259	KPN301049	89%	100%	100%
ECO101259	LPN103417	57%	98.9%	97.4%
ECO101259	LMO102350	45%	95.4%	97.3%
ECO101259	MCA100281	57%	97.3%	95.3%
ECO101259	MAV103640	33%	95.8%	97.8%
ECO101259	MBV101416	33%	95.0%	97.0%
ECO101259	MLP101099	32%	95.8%	97.8%
ECO101259	MTU201463	33%	95.0%	97.0%
ECO101259	NGO101585	60%	98.1%	98.9%
ECO101259	NME201989	61%	98.1%	98.9%
ECO101259	PMU100182	81%	99.2%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101259	PRT101421	86%	100%	100%
ECO101259	PAE201805	69%	99.2%	99.2%
ECO101259	PSY103929	70%	99.2%	99.6%
ECO101259	SPA104351	80%	100%	100%
ECO101259	STY103075	98%	100%	100%
ECO101259	STM101286	97%	100%	100%
ECO101259	SAU801011	44%	94.7%	97.3%
ECO101259	SEP200257	44%	94.7%	97.3%
ECO101259	SHA100265	56%	43.5%	94.2%
ECO101261	EBC101285	93%	100%	100%
ECO101261	ECO101261	100%	100%	100%
ECO101261	HIN101608	49%	98.5%	98.1%
ECO101261	KPN301207	92%	99.6%	99.3%
ECO101261	PMU100915	53%	97.0%	98.1%
ECO101261	PRT104263	71%	99.6%	99.3%
ECO101261	SPA104355	97%	100%	100%
ECO101261	STY103077	97%	100%	100%
ECO101261	STM101280	97%	100%	100%
ECO101261	VCH101656	58%	96.6%	98.9%
ECO101261	YPS002920	82%	99.6%	98.5%
ECO101298	ABA100361	28%	38.4%	38.9%
ECO101298	ABA100173	24%	69.7%	68.4%
ECO101298	BAN107308	40%	24.5%	90.9%
ECO101298	BFR11511	35%	91.6%	79.2%
ECO101298	BPT102123	26%	70.6%	74.7%
ECO101298	BCE113494	32%	18.7%	15.6%
ECO101298	BFU100516	38%	86.8%	100%
ECO101298	EBC101778	34%	92.6%	83.6%
ECO101298	EFM201682	32%	99.4%	94.1%
ECO101298	ECO101298	100%	100%	100%
ECO101298	KPN301258	34%	92.3%	93.4%
ECO101298	LPN102062	26%	26.8%	37.8%
ECO101298	LPN101639	29%	27.1%	38.2%
ECO101298	PMU101361	29%	42.9%	21.4%
ECO101298	PRT104467	29%	23.2%	21.5%
ECO101298	PAE202216	34%	98.1%	81.7%
ECO101298	PSY104382	34%	97.4%	88.6%
ECO101298	SMU100781	33%	32.3%	23.2%
ECO101298	YPS003214	36%	93.9%	80.4%
ECO101307	BFR12135	31%	93.3%	98.8%
ECO101307	CDF101113	36%	94.9%	97.8%
ECO101307	CDF103684	38%	94.9%	94.4%
ECO101307	CDP101707	34%	88.4%	98.3%
ECO101307	EBC100434	86%	77.3%	100%
ECO101307	ECO101307	100%	100%	100%
ECO101307	KPN304537	87%	99.6%	100%
ECO101307	MCA101881	38%	98.6%	94.7%
ECO101307	NGO100614	38%	96.5%	97.1%
ECO101307	NME201822	38%	96.9%	97.5%
ECO101307	PMU101104	39%	97.8%	98.3%
ECO101307	PRT100243	38%	94.9%	96.5%
ECO101307	SAU802473	35%	94.9%	95.3%
ECO101307	SHA101725	36%	98.4%	98.6%
ECO101307	VCH100864	38%	94.9%	93.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101307	YPS001074	33%	96.9%	96.9%
ECO101308	BAN111842	26%	16.6%	52.3%
ECO101308	BAN109593	38%	42.8%	90.5%
ECO101308	BAN105036	29%	95.2%	96.8%
ECO101308	CAC101783	26%	59.5%	68.9%
ECO101308	CBO102190	25%	62.0%	70.8%
ECO101308	CDF101708	37%	97.1%	98.3%
ECO101308	CDF101472	37%	96.0%	97.8%
ECO101308	CDF103674	42%	95.8%	98.5%
ECO101308	EBC100570	81%	90.9%	99.5%
ECO101308	EFM202575	30%	94.4%	95.1%
ECO101308	ECO101308	100%	100%	100%
ECO101308	KPN308729	85%	5.6%	67.5%
ECO101308	KPN300134	75%	28.3%	100%
ECO101308	KPN304546	75%	100%	100%
ECO101308	MAV100227	32%	57.0%	63.5%
ECO101308	MBV100846	28%	70.1%	79.2%
ECO101308	MTU203263	28%	70.1%	79.2%
ECO101308	SAU802133	33%	57.4%	66.0%
ECO101308	SEP201928	33%	57.4%	66.0%
ECO101308	SHA101910	33%	57.4%	66.0%
ECO101314	BPT102886	51%	99.8%	98.9%
ECO101314	BFU107954	52%	99.1%	97.2%
ECO101314	BMA103404	55%	99.6%	98.1%
ECO101314	EBC100501	90%	46.8%	100%
ECO101314	ECO101314	100%	100%	100%
ECO101314	KPN302014	86%	100%	100%
ECO101314	LPN103227	51%	96.3%	94.7%
ECO101314	PRT105211	73%	100%	100%
ECO101314	PAE200454	56%	99.6%	99.3%
ECO101314	PPU109266	54%	99.6%	92.3%
ECO101314	PSY100041	55%	99.6%	99.3%
ECO101314	SPA102108	87%	100%	100%
ECO101314	VCH102527	54%	99.6%	99.1%
ECO101314	YPS001287	68%	99.8%	99.3%
ECO101324	ECO101324	100%	100%	100%
ECO101328	ABA104605	34%	69.4%	83.1%
ECO101328	BPT102482	56%	52.0%	60.2%
ECO101328	ECO101328	100%	100%	100%
ECO101328	KPN307048	31%	64.3%	81.8%
ECO101328	MCA102180	29%	65.3%	84.2%
ECO101328	NGO102451	41%	64.3%	81.6%
ECO101328	PRT100612	67%	68.4%	84.8%
ECO101328	PPU112131	29%	63.3%	92.5%
ECO101328	SPA104405	40%	48.0%	74.2%
ECO101329	EBC100838	43%	47.1%	50.4%
ECO101329	ECO101329	100%	100%	100%
ECO101329	KPN200238	34%	67.9%	53.4%
ECO101329	STY102208	95%	100%	100%
ECO101333	BCE106664	33%	50.5%	17.1%
ECO101333	BMA103588	40%	50.5%	7.2%
ECO101333	ECO100546	93%	98.0%	64.7%
ECO101333	ECO101333	100%	100%	100%
ECO101333	KPN201795	50%	75.2%	88.2%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101333	PRT102245	37%	98.0%	64.1%
ECO101333	PRT104707	37%	99.0%	64.7%
ECO101333	PRT105949	38%	99.0%	64.7%
ECO101333	SPA104286	48%	100%	65.4%
ECO101333	STM103352	70%	98.0%	63.5%
ECO101333	STM102620	70%	100%	64.0%
ECO101333	YPS000024	47%	100%	67.1%
ECO101334	ABA105243	24%	82.1%	89.2%
ECO101334	BAN113435	21%	61.0%	70.9%
ECO101334	BAN113076	23%	83.7%	92.9%
ECO101334	BFR100347	33%	98.8%	95.8%
ECO101334	BFR102868	35%	86.4%	94.6%
ECO101334	BPT100811	36%	97.7%	98.2%
ECO101334	BBU100723	23%	83.9%	92.1%
ECO101334	CJU101207	22%	85.8%	95.3%
ECO101334	CBO100061	32%	97.3%	97.7%
ECO101334	CDF103152	19%	82.1%	88.4%
ECO101334	CDP100542	21%	80.2%	89.9%
ECO101334	EBC102781	70%	100%	97.4%
ECO101334	EFA201649	23%	87.0%	94.3%
ECO101334	EFM201563	22%	77.1%	38.4%
ECO101334	ECO101334	100%	100%	100%
ECO101334	LMO100586	22%	81.9%	92.1%
ECO101334	NGO100874	37%	98.1%	98.6%
ECO101334	NME200795	37%	98.1%	98.6%
ECO101334	PAE203208	31%	98.8%	98.8%
ECO101334	PPU101061	31%	98.8%	98.8%
ECO101334	PSY103115	32%	99.8%	99.8%
ECO101334	SAU801024	23%	83.5%	92.7%
ECO101334	SEP200277	24%	83.3%	92.7%
ECO101334	SHA101419	23%	83.3%	92.7%
ECO101334	SPN400426	31%	99.6%	99.4%
ECO101334	TPA100139	22%	87.8%	76.7%
ECO101343	ABA104282	20%	26.2%	80.9%
ECO101343	ABA104487	32%	28.0%	16.2%
ECO101343	ABA100799	29%	27.8%	45.6%
ECO101343	BAN107557	30%	10.8%	20.4%
ECO101343	BFR100872	29%	21.7%	28.0%
ECO101343	BPT103725	27%	32.9%	31.6%
ECO101343	BCE109890	24%	15.5%	43.7%
ECO101343	BCE107896	24%	89.1%	70.4%
ECO101343	BCE102461	25%	34.8%	100%
ECO101343	BCE112211	23%	93.2%	17.9%
ECO101343	BCE114917	26%	88.1%	18.9%
ECO101343	BFU105204	30%	3.6%	79.7%
ECO101343	BFU106847	34%	78.8%	43.2%
ECO101343	CPN201044	23%	19.0%	91.4%
ECO101343	CTR200857	24%	40.2%	75.5%
ECO101343	CAC102338	20%	82.9%	47.3%
ECO101343	CDP100418	27%	18.6%	64.0%
ECO101343	EFA203174	23%	79.6%	24.6%
ECO101343	EFM201322	22%	79.3%	24.4%
ECO101343	ECO101343	100%	100%	100%
ECO101343	HPY101160	19%	22.5%	39.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101343	HPY101140	23%	14.3%	46.6%
ECO101343	HPY100077	21%	32.4%	45.2%
ECO101343	KPN104916	21%	30.4%	49.9%
ECO101343	LPN101461	22%	13.4%	57.9%
ECO101343	LMO102167	22%	40.6%	56.8%
ECO101343	MAV103075	29%	13.0%	86.5%
ECO101343	MAV103280	27%	11.1%	42.6%
ECO101343	MAV103843	26%	25.7%	26.8%
ECO101343	MAV105169	23%	34.5%	27.8%
ECO101343	MAV103659	27%	29.5%	46.2%
ECO101343	MBV103797	23%	31.8%	82.7%
ECO101343	MTU201261	24%	35.9%	6.7%
ECO101343	MPN100430	22%	12.4%	18.9%
ECO101343	NGO102691	28%	31.4%	73.1%
ECO101343	NME102710	26%	25.9%	89.9%
ECO101343	PAB205248	29%	17.4%	88.4%
ECO101343	PSY101251	30%	11.1%	90.6%
ECO101343	STM102646	49%	50.4%	39.7%
ECO101343	STM103396	49%	95.6%	41.1%
ECO101343	SAU802654	20%	85.1%	14.3%
ECO101343	SEP201799	21%	35.7%	41.8%
ECO101343	SHA102148	25%	84.5%	31.9%
ECO101343	SHA103225	27%	86.2%	42.0%
ECO101343	SMU101323	21%	34.3%	24.9%
ECO101343	SPN301653	37%	41.4%	6.5%
ECO101343	SPY101502	29%	22.4%	59.1%
ECO101343	TPA100721	22%	31.0%	68.6%
ECO101346	ECO101515	98%	100%	100%
ECO101346	ECO101346	100%	100%	100%
ECO101347	BAN105621	28%	85.7%	94.7%
ECO101347	BCE100831	29%	86.9%	97.3%
ECO101347	BFU108387	28%	90.5%	92.1%
ECO101347	CBO102953	30%	44.6%	58.1%
ECO101347	CDF103746	27%	83.9%	96.3%
ECO101347	CDP100748	24%	82.7%	96.3%
ECO101347	EBC101954	62%	85.7%	100%
ECO101347	EFA201536	26%	82.1%	96.5%
ECO101347	ECO101347	100%	100%	100%
ECO101347	KPN302017	76%	85.7%	100%
ECO101347	LPN102113	32%	73.2%	87.9%
ECO101347	LPN100657	31%	85.7%	96.5%
ECO101347	MAV106572	26%	83.9%	94.6%
ECO101347	MLP100860	27%	83.9%	94.6%
ECO101347	PRT100566	42%	85.7%	100%
ECO101347	PRT101051	42%	85.7%	100%
ECO101347	SPA101820	80%	70.2%	100%
ECO101347	STY103689	90%	85.7%	100%
ECO101347	STM100915	90%	85.7%	100%
ECO101347	SPN401808	27%	94.6%	93.6%
ECO101347	VCH100423	29%	85.7%	97.9%
ECO101348	BPT102493	24%	67.9%	67.9%
ECO101348	BCE113692	23%	92.3%	91.1%
ECO101348	BMA103136	23%	92.3%	84.7%
ECO101348	EBC102812	65%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101348	EBC101129	83%	81.2%	100%
ECO101348	ECO101348	100%	100%	100%
ECO101348	KPN302018	76%	100%	100%
ECO101348	MCA101727	24%	91.2%	86.6%
ECO101348	NME301914	23%	76.4%	74.6%
ECO101348	PMU100389	22%	91.5%	91.7%
ECO101348	PMU100388	22%	100%	100%
ECO101348	PRT100163	57%	100%	100%
ECO101348	PAE202698	33%	26.5%	27.1%
ECO101348	SPA103439	79%	100%	100%
ECO101348	STY100529	80%	100%	100%
ECO101348	STM102581	68%	100%	100%
ECO101348	VCH103726	24%	100%	100%
ECO101348	VCH100621	26%	100%	97.4%
ECO101348	YPS002089	62%	100%	99.7%
ECO101355	ABA104145	25%	98.7%	98.4%
ECO101355	BCE111853	27%	89.0%	86.8%
ECO101355	BFU102407	26%	84.1%	84.4%
ECO101355	BMA105038	29%	78.1%	74.9%
ECO101355	EBC101162	64%	97.7%	97.4%
ECO101355	ECO101355	100%	100%	100%
ECO101355	KPN300181	59%	47.8%	100%
ECO101355	KPN304960	64%	97.3%	96.7%
ECO101355	LMO102225	28%	74.4%	30%
ECO101355	PAE204067	28%	96.7%	95.6%
ECO101355	PPU110142	24%	84.4%	81.8%
ECO101355	PSY108507	23%	68.4%	68.3%
ECO101365	ABA104344	60%	98.5%	98.1%
ECO101365	BPT100507	60%	98.5%	98.1%
ECO101365	BCE112553	58%	95.8%	94.7%
ECO101365	BFU102518	59%	95.4%	94.3%
ECO101365	BMA109462	58%	95.4%	94.3%
ECO101365	EBC100355	80%	51.1%	100%
ECO101365	ECO101365	100%	100%	100%
ECO101365	KPN306385	84%	100%	100%
ECO101365	MCA101046	31%	67.9%	72.5%
ECO101365	MAV100851	36%	98.5%	96.9%
ECO101365	MAV101794	37%	95.0%	95.2%
ECO101365	MAV101174	40%	96.6%	96.4%
ECO101365	MBV101674	35%	95.8%	92.2%
ECO101365	MTU201127	35%	95.8%	92.2%
ECO101365	PAE204975	37%	97.7%	97.0%
ECO101365	PPU111662	61%	99.2%	98.9%
ECO101365	SMU100553	34%	98.5%	98.1%
ECO101365	SPN400375	34%	99.6%	100%
ECO101365	SPY201354	30%	98.5%	98.1%
ECO101366	ABA103707	45%	96.4%	94.1%
ECO101366	BAN102785	35%	97.5%	93.7%
ECO101366	BAN107403	41%	97.5%	93.3%
ECO101366	BPT102322	45%	54.9%	95.6%
ECO101366	BCE107218	42%	97.1%	92.3%
ECO101366	BFU100415	49%	98.7%	70.3%
ECO101366	CAC103282	44%	97.1%	92.9%
ECO101366	CBO103696	41%	96%	91.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101366	CDF100453	41%	96%	91.5%
ECO101366	EBC100356	79%	98.5%	78.0%
ECO101366	ECO101366	100%	100%	100%
ECO101366	KPN305008	72%	99.8%	93.8%
ECO101366	MAV101275	41%	98.5%	90.6%
ECO101366	MBV104755	41%	98.5%	94.1%
ECO101366	MLP101467	42%	98.5%	93.7%
ECO101366	MTU200466	41%	98.5%	94.1%
ECO101366	PAE201627	38%	99.2%	53.2%
ECO101366	PAE203588	39%	98.1%	96.7%
ECO101366	PPU111663	47%	97.3%	96.8%
ECO101366	SEP200029	23%	64.2%	97.8%
ECO101369	ABA102526	65%	97.9%	97.5%
ECO101369	BFR101369	46%	95.4%	98.6%
ECO101369	BFR10873	50%	97.7%	99.1%
ECO101369	BPT100503	66%	97.5%	97.5%
ECO101369	BCE113086	65%	98.9%	99.5%
ECO101369	BFU102520	66%	98.9%	99.1%
ECO101369	BMA105289	64%	98.9%	99.5%
ECO101369	EBC101022	92%	87.9%	100%
ECO101369	EFM101677	21%	84.9%	79.3%
ECO101369	ECO101369	100%	100%	100%
ECO101369	KPN305001	94%	99.5%	99.3%
ECO101369	PPU111666	68%	97.5%	97.3%
ECO101369	PSY108977	24%	69.8%	75%
ECO101369	VCH100908	25%	71.4%	66.8%
ECO101370	ABA104199	38%	98.1%	97.2%
ECO101370	BPT101079	35%	95.6%	97.7%
ECO101370	EBC102965	87%	100%	100%
ECO101370	ECO101370	100%	100%	100%
ECO101370	KPN304998	81%	100%	100%
ECO101370	LMO101698	21%	58.2%	22.4%
ECO101370	MBV100825	29%	68.0%	77.9%
ECO101370	MTU200671	29%	68.0%	77.9%
ECO101370	PPU106601	43%	96.2%	98.7%
ECO101372	ABA104065	23%	45.1%	64.9%
ECO101372	BAN113185	26%	25.5%	92.0%
ECO101372	BAN100006	23%	49.1%	79.5%
ECO101372	BFR102947	26%	2.2%	14.3%
ECO101372	BFR100205	23%	30.0%	20.4%
ECO101372	BFR101444	24%	12.6%	36.8%
ECO101372	BMA107841	25%	16.8%	71.9%
ECO101372	CPN100435	21%	39.7%	46.7%
ECO101372	CPN100431	19%	46.5%	43.6%
ECO101372	CPN100014	21%	51.5%	32.6%
ECO101372	CPN100432	22%	39.8%	56.6%
ECO101372	CPN100430	22%	75.6%	18.2%
ECO101372	CTR200684	20%	53.8%	62.2%
ECO101372	CTR200685	20%	73.7%	49.5%
ECO101372	CAC102754	22%	56.1%	48.8%
ECO101372	CBO102489	20%	16.2%	56.1%
ECO101372	EBC101205	24%	72.5%	6.5%
ECO101372	EBC100399	24%	15.4%	93.9%
ECO101372	EBC100820	22%	57.5%	74.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101372	EBC100805	22%	41.5%	99.4%
ECO101372	EFM200844	25%	68.9%	21.2%
ECO101372	ECO101372	100%	100%	100%
ECO101372	HIN100251	24%	13.0%	54.1%
ECO101372	MCA100348	21%	87.1%	47.6%
ECO101372	MAV103822	28%	15.1%	32.3%
ECO101372	MBV100578	26%	52.3%	43.6%
ECO101372	MTU201447	23%	33.0%	65.1%
ECO101372	MTU201785	25%	19.7%	42.8%
ECO101372	MTU200277	24%	40.7%	36.1%
ECO101372	MTU200968	24%	51.5%	14.3%
ECO101372	MTU201737	22%	51.6%	39.2%
ECO101372	MTU202128	22%	52.6%	44.9%
ECO101372	MTU200529	25%	33.3%	52.2%
ECO101372	MTU200124	22%	32.0%	67.8%
ECO101372	MTU200296	24%	51.6%	11.3%
ECO101372	MTU200278	24%	52.5%	70.7%
ECO101372	MTU202704	26%	46.4%	75.8%
ECO101372	MTU201308	23%	68.8%	36.3%
ECO101372	MTU203538	23%	26.4%	54.6%
ECO101372	MTU203543	23%	15.4%	68.3%
ECO101372	MTU201807	24%	35.1%	70.1%
ECO101372	MTU202597	23%	46.4%	17.0%
ECO101372	MTU201422	25%	10.0%	67.6%
ECO101372	MTU201746	24%	48.6%	49.2%
ECO101372	MTU201377	26%	46.6%	39.8%
ECO101372	MTU201630	24%	11.0%	57.9%
ECO101372	MTU201226	25%	41.0%	71.4%
ECO101372	MTU202578	24%	45.0%	46.0%
ECO101372	MTU203301	27%	31.0%	89.3%
ECO101372	MTU201056	24%	14.9%	46.6%
ECO101372	MTU203322	23%	50.8%	24.7%
ECO101372	MTU202451	24%	48.6%	60.7%
ECO101372	MTU200863	26%	49.9%	43.4%
ECO101372	MTU201774	26%	51.2%	33.5%
ECO101372	MTU200575	25%	30.4%	38.7%
ECO101372	MTU203460	25%	24.9%	57.9%
ECO101372	MTU202815	26%	52.3%	35.8%
ECO101372	NGO101218	19%	52.9%	70.0%
ECO101372	NME101006	21%	34.4%	23.9%
ECO101372	NME103369	22%	46.0%	31.0%
ECO101372	NME102132	20%	68.8%	20.2%
ECO101372	PMU100714	23%	76.4%	18.8%
ECO101372	PAE204623	21%	80.0%	51.7%
ECO101372	SPA103182	34%	40.5%	96.6%
ECO101372	SMU101300	20%	77.0%	55.8%
ECO101372	SPN102747	26%	37.1%	31.4%
ECO101372	SPN103543	25%	51.2%	60%
ECO101372	SPY103363	27%	59.4%	26.6%
ECO101372	VCH103569	23%	43.4%	10.6%
ECO101376	BFR101740	26%	12.1%	13.1%
ECO101376	BMA108003	22%	23.8%	89.9%
ECO101376	CJU101583	20%	76.6%	45.8%
ECO101376	CJU100590	24%	24.7%	77.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101376	CDF102290	21%	49.7%	63.8%
ECO101376	ECO101376	100%	100%	100%
ECO101376	HPY101226	23%	30.2%	42.2%
ECO101376	HPY100602	22%	57.5%	14.7%
ECO101376	HPY100603	21%	26.6%	20.7%
ECO101376	HPY100285	20%	48.4%	29.7%
ECO101376	HPY100906	24%	36.1%	14.1%
ECO101376	KPN305340	21%	1.7%	95.3%
ECO101376	MBV101505	24%	32.6%	67.3%
ECO101376	NME301139	19%	20.1%	38.5%
ECO101376	NME300455	21%	61.8%	14.8%
ECO101376	NME301662	21%	67.6%	15.6%
ECO101376	PRT101929	20%	62.5%	52.5%
ECO101376	PSY108622	24%	4.9%	94.9%
ECO101376	PSY106453	22%	59.3%	55.8%
ECO101376	SPA103183	51%	74.2%	92.9%
ECO101376	STM102835	47%	37.9%	26.8%
ECO101376	SPY201103	21%	25.4%	41.8%
ECO101376	VCH101430	21%	76.2%	19.6%
ECO101378	ABA106017	25%	18.1%	55.6%
ECO101378	CAC102021	32%	10.3%	42.4%
ECO101378	ECO100384	43%	10.3%	84.9%
ECO101378	ECO101378	100%	100%	100%
ECO101381	ABA102855	26%	42.1%	72.8%
ECO101381	BCE109833	53%	61.0%	90.9%
ECO101381	BFU102061	26%	45.5%	88.4%
ECO101381	BMA109995	25%	43.6%	85.5%
ECO101381	EFA202448	22%	46.8%	98.7%
ECO101381	ECO101381	100%	100%	100%
ECO101381	MAV102145	24%	46.5%	97.5%
ECO101381	MBV102643	24%	46.5%	96.8%
ECO101381	MLP101539	25%	44.4%	92.5%
ECO101381	MTU200182	24%	46.5%	83.6%
ECO101381	PAE202538	56%	97.3%	97.8%
ECO101381	PSY103261	56%	97.6%	98.3%
ECO101381	SHA100260	20%	43.1%	91.3%
ECO101381	YPS002556	65%	99.3%	99.0%
ECO101382	BAN102413	28%	42.3%	81.4%
ECO101382	BCE107754	37%	80.7%	98.1%
ECO101382	CAC103685	25%	42.1%	82.2%
ECO101382	CBO103233	22%	38.4%	74.2%
ECO101382	ECO101382	100%	100%	100%
ECO101382	PAE202537	41%	97.2%	95.0%
ECO101382	PSY108146	39%	97.2%	89.7%
ECO101382	YPS002537	49%	96.5%	92.3%
ECO101393	BPT100171	27%	77.7%	85.1%
ECO101393	BCE100512	39%	77.1%	90.4%
ECO101393	BFU101107	41%	85.0%	89.6%
ECO101393	BMA103090	37%	46.0%	71.3%
ECO101393	BMA101500	39%	84.5%	91.2%
ECO101393	EBC103166	78%	96.3%	100%
ECO101393	ECO101393	100%	100%	100%
ECO101393	KPN307476	80%	96.0%	100%
ECO101393	PAE200152	36%	75.4%	97.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101393	PPU107994	41%	77.1%	88.1%
ECO101393	PSY102576	34%	82.8%	94.5%
ECO101393	SPA103480	26%	82.8%	92.7%
ECO101393	STY104247	28%	79.9%	94.0%
ECO101393	STM100853	83%	86.4%	99.7%
ECO101393	YPS001640	27%	85.6%	85.9%
ECO101400	ABA104283	22%	87.9%	84.6%
ECO101400	BFU107308	38%	93.0%	90.0%
ECO101400	CBO100793	18%	80%	84.8%
ECO101400	CDF101725	23%	67.9%	71.3%
ECO101400	CDP100861	21%	87.0%	93.4%
ECO101400	EFA201740	17%	64.2%	63.4%
ECO101400	ECO101400	100%	100%	100%
ECO101400	HIN100490	38%	96.1%	95.7%
ECO101400	KPN304048	77%	98.2%	100%
ECO101400	NME301505	42%	96.4%	100%
ECO101400	PMU101587	43%	95.8%	99.1%
ECO101400	PSY102817	23%	90%	88.1%
ECO101400	SPA103397	84%	99.4%	100%
ECO101400	STY103732	87%	99.4%	97.3%
ECO101400	SPY200689	21%	77.6%	81.1%
ECO101400	VCH103249	23%	90.6%	90.6%
ECO101400	VCH102289	20%	94.5%	96.9%
ECO101403	BAN110650	28%	67.7%	98.2%
ECO101403	BAN102654	29%	94.0%	98.9%
ECO101403	CDF104202	37%	19.9%	84.5%
ECO101403	CDF102535	35%	26.1%	85.8%
ECO101403	CDF103887	35%	52.5%	97.1%
ECO101403	CDF100871	34%	76.6%	95.2%
ECO101403	CDF103297	32%	92.0%	96.2%
ECO101403	CDF101218	33%	92.0%	96.2%
ECO101403	CDF103939	33%	92.0%	96.2%
ECO101403	CDF100573	33%	92.0%	96.2%
ECO101403	CDF101412	33%	92.0%	96.2%
ECO101403	CDF100312	33%	92.0%	96.2%
ECO101403	CDF103189	34%	92.0%	96.2%
ECO101403	EFA200364	25%	87.1%	96.6%
ECO101403	EFM201897	23%	80.1%	91.4%
ECO101403	EFM201232	32%	93.0%	96.9%
ECO101403	ECO101403	100%	100%	100%
ECO101403	HPY100981	30%	91.3%	83.4%
ECO101403	HPY100434	30%	91.3%	83.4%
ECO101403	HPY100973	30%	91.3%	83.4%
ECO101403	HPY101512	30%	91.3%	83.4%
ECO101403	HPY101078	30%	91.3%	83.4%
ECO101403	KPN204073	83%	99.5%	100%
ECO101403	MCA103372	28%	55.5%	97.5%
ECO101403	MBV101240	26%	97.3%	91.7%
ECO101403	MTU203772	25%	79.6%	85.3%
ECO101403	MTU202753	26%	97.3%	91.7%
ECO101403	NME102130	56%	56.0%	100%
ECO101403	PRT106097	80%	11.4%	100%
ECO101403	PRT104808	89%	31.6%	96.9%
ECO101403	PRT103046	80%	53.7%	99.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101403	PRT105185	83%	90.8%	100%
ECO101403	PRT102105	82%	94.8%	99.7%
ECO101403	PRT102853	82%	99.8%	97.8%
ECO101403	PRT105904	83%	99.3%	99.3%
ECO101403	PRT105312	82%	99.8%	97.8%
ECO101403	PRT101071	83%	99.8%	99.8%
ECO101403	SPA101059	64%	97.0%	100%
ECO101403	STY101241	64%	96.0%	97.3%
ECO101403	STM101920	35%	95.5%	88.5%
ECO101406	BFR11829	46%	92.4%	99.3%
ECO101406	CAC101457	32%	37.3%	96.6%
ECO101406	CBO101154	33%	73.8%	61.3%
ECO101406	CDF100070	37%	16.8%	97.5%
ECO101406	CDF103927	32%	38.4%	96.1%
ECO101406	EBC107301	89%	97.6%	99.5%
ECO101406	ECO101406	100%	100%	100%
ECO101406	KPN300274	91%	25.5%	92.9%
ECO101406	KPN308666	87%	97.3%	99.2%
ECO101406	KPN300541	93%	6.9%	63.0%
ECO101406	KPN300422	87%	16.3%	87.9%
ECO101406	KPN300254	71%	29.8%	100%
ECO101406	PPU102549	69%	97.6%	98.5%
ECO101406	PSY104961	69%	97.6%	99.6%
ECO101406	SPA103388	87%	100%	100%
ECO101406	STY103739	92%	97.2%	99.1%
ECO101421	ABA104573	24%	81.2%	88.2%
ECO101421	BPT102546	35%	68.8%	67.6%
ECO101421	BCE112411	28%	86.2%	82.3%
ECO101421	EBC100706	46%	89.2%	95.5%
ECO101421	EFA200682	25%	83.8%	86.1%
ECO101421	ECO101421	100%	100%	100%
ECO101421	KPN301120	28%	54.2%	54.6%
ECO101421	MAV108571	26%	80%	83.5%
ECO101421	MBV102645	25%	55%	49.8%
ECO101421	MTU200164	25%	55%	50%
ECO101421	PAE205520	29%	77.9%	75.2%
ECO101421	SPA101753	52%	70.4%	100%
ECO101421	STY103774	58%	91.2%	99.1%
ECO101421	YPS003104	25%	89.6%	96.8%
ECO101423	BCE102082	23%	69.7%	83.9%
ECO101423	BFU111349	23%	42.8%	58.5%
ECO101423	BMA105152	24%	65.7%	66.7%
ECO101423	CDF104423	19%	70.0%	94.4%
ECO101423	EBC100616	77%	100%	100%
ECO101423	ECO101423	100%	100%	100%
ECO101423	KPN304022	77%	100%	100%
ECO101423	MAV103258	30%	26.9%	83.5%
ECO101423	MBV100019	26%	31.4%	66.9%
ECO101423	MTU202185	23%	50.7%	73.2%
ECO101423	PAE200518	39%	12.2%	7.6%
ECO101423	PAE200515	20%	93.2%	86.2%
ECO101423	PPU105397	21%	95.8%	24.0%
ECO101423	PSY102870	32%	21.2%	22.1%
ECO101423	SPA101751	88%	100%	100%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101423	STY103776	89%	100%	100%
ECO101436	BAN103501	28%	60.6%	87.3%
ECO101436	BAN110205	34%	97.8%	96.5%
ECO101436	BMA101276	47%	99.6%	100%
ECO101436	CDP101662	29%	97.3%	86.1%
ECO101436	ECO101436	100%	100%	100%
ECO101436	KPN300233	87%	31.4%	100%
ECO101436	KPN305071	82%	100%	100%
ECO101436	MCA101686	48%	98.7%	95.7%
ECO101436	MAV100393	34%	98.2%	92.2%
ECO101436	MBV101203	34%	96.0%	52.8%
ECO101436	PAE203869	52%	97.8%	97.8%
ECO101436	SPA102906	95%	100%	100%
ECO101436	STY103788	96%	100%	100%
ECO101436	STM100371	96%	100%	100%
ECO101436	SAU802394	37%	98.2%	99.1%
ECO101436	SEP200989	39%	98.2%	99.1%
ECO101436	SHA103168	32%	84.5%	100%
ECO101438	BAN111998	37%	88.9%	99.1%
ECO101438	BAN110721	60%	94.0%	98.4%
ECO101438	CDP101667	55%	90.3%	87.6%
ECO101438	ECO101438	100%	100%	100%
ECO101438	KPN305069	88%	100%	100%
ECO101438	MCA101684	74%	94.9%	95.3%
ECO101438	MAV100251	60%	28.6%	100%
ECO101438	MAV100389	57%	94.4%	89.9%
ECO101438	MBV101453	56%	94.0%	87.5%
ECO101438	MTU201147	56%	94.0%	87.5%
ECO101438	PAE203871	73%	99.0%	100%
ECO101438	SPA102908	89%	98.2%	100%
ECO101438	STY103792	94%	100%	100%
ECO101438	STM100369	94%	100%	100%
ECO101444	ABA105622	35%	99.7%	96.0%
ECO101444	ABA100551	45%	99.0%	96.0%
ECO101444	BCE108394	51%	44.0%	99.2%
ECO101444	EBC101738	74%	93.2%	100%
ECO101444	EFM201176	24%	44.7%	37.9%
ECO101444	ECO101444	100%	100%	100%
ECO101444	HPY200933	32%	22.2%	15.0%
ECO101444	KPN305038	75%	99.7%	100%
ECO101444	PRT102506	51%	98.3%	99.3%
ECO101444	SPA102630	85%	99.7%	100%
ECO101444	STM100351	85%	93.2%	99.6%
ECO101444	VCH103555	44%	98.0%	87.5%
ECO101444	YPS000836	41%	97.3%	96.7%
ECO101452	EBC100834	77%	77.2%	100%
ECO101452	ECO101452	100%	100%	100%
ECO101452	SPA100470	88%	77.2%	100%
ECO101452	STY104204	88%	77.2%	100%
ECO101452	STM100342	88%	77.2%	100%
ECO101455	EBC100261	79%	84.8%	100%
ECO101455	ECO101455	100%	100%	100%
ECO101458	BPT100319	28%	92.4%	94.5%
ECO101458	BCE110600	29%	100%	93.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101458	BFU103600	29%	96.3%	96.1%
ECO101458	BMA103798	30%	98.4%	98.7%
ECO101458	EBC100975	85%	97.1%	99.6%
ECO101458	ECO101458	100%	100%	100%
ECO101458	KPN102930	31%	66.1%	97.8%
ECO101458	MLP100689	22%	87.4%	83.8%
ECO101459	BFR10990	32%	86.0%	72.3%
ECO101459	BCE111976	49%	87.6%	90.4%
ECO101459	BFU103598	50%	92.2%	87.7%
ECO101459	BFU113321	50%	91.2%	94.1%
ECO101459	BMA105422	50%	90.2%	92.1%
ECO101459	EBC100976	77%	95.3%	96.3%
ECO101459	EFA200947	34%	77.2%	84.2%
ECO101459	ECO101459	100%	100%	100%
ECO101459	LPN101358	36%	35.8%	32.3%
ECO101459	MAV100337	30%	85.0%	76.7%
ECO101459	MBV101864	34%	84.5%	86.3%
ECO101459	MTU200829	34%	85.5%	69.9%
ECO101459	PAE105948	31%	59.1%	56.5%
ECO101459	SPA103398	33%	35.2%	69.6%
ECO101459	STY103754	28%	84.5%	80.9%
ECO101467	BCE109104	32%	84.0%	92.9%
ECO101467	BFU111125	28%	94.5%	89.2%
ECO101467	BFU102927	33%	96.3%	88.9%
ECO101467	BMA106486	33%	96.3%	91.3%
ECO101467	ECO101467	100%	100%	100%
ECO101467	HIN101436	29%	94.7%	89.8%
ECO101467	HIN100035	31%	95.2%	91.2%
ECO101467	MAV102866	29%	91.8%	85.0%
ECO101467	MBV103266	27%	98.6%	94.2%
ECO101467	MLP101262	29%	91.8%	85.1%
ECO101467	MTU201786	27%	98.6%	91.4%
ECO101467	NGO102937	23%	37.4%	93.4%
ECO101467	NME100881	33%	31.7%	93.4%
ECO101467	PMU100041	35%	97.0%	96.6%
ECO101467	PRT105836	35%	97.3%	100%
ECO101467	PPU111319	33%	91.4%	94.6%
ECO101467	PSY104758	34%	91.1%	95.0%
ECO101468	BAN106302	22%	80.8%	84.9%
ECO101468	BFU107652	24%	43.6%	41.5%
ECO101468	BMA110009	25%	43.6%	39.6%
ECO101468	CAC100511	30%	43.1%	32.4%
ECO101468	CBO101042	24%	81.5%	68.4%
ECO101468	CDF100503	25%	82.6%	69.3%
ECO101468	EFM200472	30%	93.1%	95.0%
ECO101468	ECO101468	100%	100%	100%
ECO101468	PMU100600	45%	92.6%	95.0%
ECO101468	PAE200510	21%	81.0%	81.7%
ECO101468	YPS000797	65%	98.2%	97.7%
ECO101475	BFU103224	31%	89.8%	44.5%
ECO101475	ECO101475	100%	100%	100%
ECO101476	BFR100408	21%	45.0%	25.7%
ECO101476	EFM103220	44%	12.6%	28.7%
ECO101476	ECO101476	100%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101480	BAN100201	29%	21.5%	10.3%
ECO101480	CDF100113	68%	6.9%	100%
ECO101480	ECO101480	100%	100%	100%
ECO101480	NGO100287	28%	69.7%	99.0%
ECO101480	NME202012	31%	68.9%	48.6%
ECO101480	NME201584	28%	69.7%	48.4%
ECO101480	PMU101717	35%	96.6%	48.8%
ECO101480	SPA104198	46%	99.4%	65.4%
ECO101480	STM100045	46%	99.4%	52.8%
ECO101480	YPS001070	47%	99.8%	11.8%
ECO101482	BAN101903	43%	19.8%	100%
ECO101482	BAN103207	48%	90.4%	98.0%
ECO101482	BAN113148	53%	97.4%	100%
ECO101482	EBC102576	78%	87.4%	89.9%
ECO101482	ECO101482	100%	100%	100%
ECO101482	KPN303693	79%	84.7%	86.5%
ECO101482	PMU101272	71%	98.3%	99.8%
ECO101482	SPA102584	84%	66.6%	100%
ECO101482	STY103182	83%	100%	100%
ECO101482	TPA100292	30%	20.4%	25.8%
ECO101482	YPS000064	78%	100%	100%
ECO101485	BAN104164	43%	87.4%	97.4%
ECO101485	BAN100431	45%	87.4%	94.3%
ECO101485	BFU112884	35%	92.1%	90.9%
ECO101485	EBC103772	67%	90.4%	99.7%
ECO101485	ECO101485	100%	100%	100%
ECO101485	KPN305506	45%	12.3%	76.1%
ECO101485	KPN300172	56%	31.6%	93.5%
ECO101485	KPN300355	61%	38.9%	89.3%
ECO101485	KPN308245	67%	94.2%	100%
ECO101485	MCA101148	26%	59.9%	70.0%
ECO101485	MBV101598	24%	72.2%	26.0%
ECO101485	PMU101275	67%	94.7%	97.6%
ECO101485	SPA101836	83%	100%	100%
ECO101485	STY103163	83%	100%	100%
ECO101485	STM101620	83%	100%	100%
ECO101485	SPN200508	28%	73.4%	89.2%
ECO101485	SPY200769	23%	64.6%	78.2%
ECO101485	YPS000060	75%	99.7%	99.7%
ECO101498	ABA104052	34%	24.0%	34.5%
ECO101498	CPN300253	30%	18.3%	40.8%
ECO101498	ECO101498	100%	100%	100%
ECO101499	ABA103825	31%	93.7%	91.6%
ECO101499	CAC101460	25%	93.7%	95.2%
ECO101499	EBC100447	87%	70.2%	99.6%
ECO101499	ECO101499	100%	100%	100%
ECO101499	HIN100128	51%	91.9%	91.9%
ECO101499	HPY101168	50%	95.7%	96.9%
ECO101499	KPN302890	33%	90.7%	86.4%
ECO101499	KPN302908	81%	99.2%	98.5%
ECO101499	MAV104012	28%	91.4%	89.6%
ECO101499	MBV102693	28%	88.9%	91.4%
ECO101499	MTU200190	28%	88.9%	87.2%
ECO101499	NGO102033	50%	92.4%	98.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101499	PMU100949	53%	95.2%	93.3%
ECO101499	PRT105535	63%	98.0%	95.1%
ECO101499	PAE204110	58%	99.0%	99.0%
ECO101499	PPU103772	58%	95.2%	94.5%
ECO101499	PSY104435	60%	92.7%	90.2%
ECO101499	SPA103066	87%	99.5%	100%
ECO101499	STY104274	88%	99.5%	99.5%
ECO101499	SAU802452	26%	92.4%	94.9%
ECO101499	SPN203024	32%	23.2%	38.7%
ECO101500	BPT102646	29%	94.1%	82.5%
ECO101500	EBC101127	87%	100%	100%
ECO101500	ECO101500	100%	100%	100%
ECO101500	KPN300463	84%	62.4%	100%
ECO101500	KPN302911	84%	100%	99.5%
ECO101500	PRT103903	64%	96.4%	86.9%
ECO101500	PAE205200	51%	98.2%	94.0%
ECO101500	SPA103077	91%	100%	100%
ECO101500	STY104276	91%	100%	100%
ECO101500	STM100262	91%	100%	100%
ECO101500	YPS003072	74%	99.5%	96.5%
ECO101505	BAN103144	25%	89.9%	87.9%
ECO101505	EBC101122	67%	85.1%	100%
ECO101505	ECO101505	100%	100%	100%
ECO101505	KPN302924	71%	98.5%	97.7%
ECO101505	LPN102440	18%	94.9%	95.2%
ECO101505	LPN100524	19%	95.2%	92.8%
ECO101505	LMO101074	23%	92.9%	93.3%
ECO101505	PRT101718	60%	95.7%	96.2%
ECO101505	PAE201211	21%	95.2%	93.4%
ECO101505	PPU104566	32%	94.7%	95.9%
ECO101505	PSY104789	21%	85.1%	81.3%
ECO101505	SPA103073	68%	38.2%	100%
ECO101505	STY104286	76%	100%	100%
ECO101505	SAU800178	23%	92.9%	94.2%
ECO101505	SEP202208	19%	87.8%	90.1%
ECO101505	VCH103690	23%	92.2%	85.0%
ECO101505	YPS002313	38%	94.2%	96.2%
ECO101506	ABA100836	33%	53.4%	39.0%
ECO101506	ABA104797	34%	57.4%	55.3%
ECO101506	ECO101506	100%	100%	100%
ECO101506	MAV102284	33%	54.7%	45.4%
ECO101513	BMA101585	44%	85.6%	83.1%
ECO101513	EBC103255	80%	99.6%	99.4%
ECO101513	EFM201843	26%	93.0%	89.2%
ECO101513	ECO101513	100%	100%	100%
ECO101513	KPN304564	78%	99.2%	99.0%
ECO101513	MAV105552	38%	97.9%	92.0%
ECO101513	SPA102280	79%	99.6%	99.6%
ECO101513	STY104302	81%	99.6%	99.2%
ECO101513	STM100236	81%	99.6%	99.2%
ECO101515	ECO101346	98%	100%	100%
ECO101515	ECO101515	100%	100%	100%
ECO101524	BPT106030	31%	92.7%	92.4%
ECO101524	ECO101524	100%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101524	PPU111952	28%	77.6%	75.9%
ECO101524	PPU109160	30%	81.2%	76.1%
ECO101524	PSY103499	30%	90.9%	86.0%
ECO101524	PSY104398	29%	89.1%	88.8%
ECO101524	PSY108879	29%	92.7%	91.2%
ECO101524	STY102996	66%	92.7%	85.5%
ECO101525	ECO101525	100%	100%	100%
ECO101525	KPN300756	76%	95.5%	96.0%
ECO101526	ECO101526	100%	100%	100%
ECO101526	LPN102896	22%	84.5%	8.6%
ECO101528	ECO101528	100%	100%	100%
ECO101539	ECO101539	100%	100%	100%
ECO101539	MPN100067	29%	45.8%	43.6%
ECO101540	ECO101540	100%	100%	100%
ECO101567	ABA105948	30%	72.1%	66.7%
ECO101567	BCE110976	34%	70.3%	87.0%
ECO101567	EBC107569	51%	91.9%	100%
ECO101567	ECO101567	100%	100%	100%
ECO101567	KPN307669	63%	91.0%	83.5%
ECO101567	MCA102058	37%	53.2%	31.0%
ECO101567	MBV100531	32%	71.2%	24.2%
ECO101567	MTU202117	32%	71.2%	24.2%
ECO101567	SPA105667	55%	91.9%	100%
ECO101567	STY105056	56%	99.1%	97.8%
ECO101567	STM102133	30%	82.9%	12.5%
ECO101567	YPS004039	52%	91.9%	100%
ECO101568	EBC103462	78%	99.3%	99.3%
ECO101568	EFA200509	22%	79.5%	73.2%
ECO101568	ECO101568	100%	100%	100%
ECO101568	KPN306333	74%	99.3%	99.3%
ECO101568	NME201346	37%	12.8%	11.3%
ECO101568	PSY103969	33%	13.9%	9.4%
ECO101568	SPA101240	77%	99.6%	100%
ECO101568	STY104356	77%	99.6%	99.6%
ECO101568	YPS001910	62%	96.0%	93.5%
ECO101575	ABA103948	53%	94.3%	99.1%
ECO101575	BAN103387	39%	99.3%	98.7%
ECO101575	BAN103848	40%	99.8%	98.1%
ECO101575	BFU104892	47%	98.3%	98.1%
ECO101575	BMA104571	45%	98.9%	91.3%
ECO101575	CPN200806	40%	97.8%	96.3%
ECO101575	CTR200643	40%	98.5%	96.1%
ECO101575	CBO103715	34%	97.4%	96.6%
ECO101575	CDP100879	36%	96.1%	92.8%
ECO101575	EBC102507	85%	50.2%	100%
ECO101575	EFM202049	32%	99.8%	97.9%
ECO101575	EFM200706	34%	99.6%	98.1%
ECO101575	ECO101575	100%	100%	100%
ECO101575	KPN300202	86%	33.5%	85.6%
ECO101575	KPN305499	88%	100%	100%
ECO101575	PMU100162	52%	98.7%	97.4%
ECO101575	PRT103781	69%	99.8%	99.6%
ECO101575	PAE201193	45%	98.9%	97.0%
ECO101575	PPU109535	45%	99.1%	97.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101575	SPA103436	91%	99.6%	100%
ECO101575	STY100523	92%	100%	100%
ECO101575	SAU802633	42%	98.0%	96.0%
ECO101575	SEP201754	41%	93.3%	93.6%
ECO101575	SHA101613	42%	97.6%	95.6%
ECO101575	VCH100428	56%	99.6%	98.9%
ECO101575	YPS001880	75%	99.8%	99.8%
ECO101583	BFR11487	29%	29.7%	41.5%
ECO101583	BBU100406	32%	96.4%	94.9%
ECO101583	CAC102434	23%	34.8%	16.9%
ECO101583	CBO103509	29%	98.7%	93.6%
ECO101583	CDF100717	29%	26.6%	29.9%
ECO101583	CDP100913	37%	98.2%	98.7%
ECO101583	EBC102499	85%	90.8%	99.7%
ECO101583	EFA201620	34%	25.6%	31.0%
ECO101583	EFM200644	32%	25.6%	31.6%
ECO101583	ECO101583	100%	100%	100%
ECO101583	KPN304521	80%	100%	100%
ECO101583	LMO100517	29%	25.3%	29.6%
ECO101583	MAV101383	38%	97.4%	97.1%
ECO101583	MBV104868	37%	99.2%	98.5%
ECO101583	MLP100466	38%	96.2%	95.9%
ECO101583	MTU203212	37%	99.2%	98.5%
ECO101583	PMU100829	35%	95.1%	94.8%
ECO101583	SPA101151	84%	100%	100%
ECO101583	STY100543	86%	100%	100%
ECO101583	SAU802143	32%	22.8%	26.6%
ECO101583	SEP201764	34%	25.6%	31.3%
ECO101583	SHA101234	34%	18.4%	22.3%
ECO101583	SMU101180	33%	24.6%	30.4%
ECO101583	SPN400647	30%	25.8%	32.2%
ECO101583	SPY201392	29%	26.9%	33.1%
ECO101583	VCH100266	46%	98.2%	96.7%
ECO101583	VCH101797	48%	98.7%	99.7%
ECO101583	YPS001750	70%	99.5%	99.5%
ECO101591	BBU100644	40%	97.0%	98.8%
ECO101591	CBO103697	39%	97.7%	98.6%
ECO101591	CDF100635	46%	97.7%	99.4%
ECO101591	EBC102299	44%	87.2%	99.1%
ECO101591	EFA200635	57%	97.0%	97.9%
ECO101591	EFM201316	36%	96.4%	98.4%
ECO101591	ECO101591	100%	100%	100%
ECO101591	KPN304517	86%	19.4%	100%
ECO101591	KPN304985	89%	100%	100%
ECO101591	PMU101752	40%	87.5%	98.2%
ECO101591	PRT105483	34%	95.7%	97.1%
ECO101591	SAU800242	41%	97.4%	99.2%
ECO101591	SPN401527	40%	96.4%	97.5%
ECO101613	BCE110619	42%	78.2%	86.6%
ECO101613	EBC100663	66%	100%	100%
ECO101613	ECO101613	100%	100%	100%
ECO101613	KPN301024	76%	100%	100%
ECO101613	PAE201229	28%	73.1%	81.5%
ECO101613	SPA102319	76%	100%	97.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101613	STY100591	76%	100%	100%
ECO101614	ABA100405	33%	93.6%	97.0%
ECO101614	BCE101176	42%	93.6%	89.1%
ECO101614	BCE115062	45%	93.6%	95.9%
ECO101614	BFU107135	46%	94.6%	97.3%
ECO101614	BMA104937	45%	93.6%	95.2%
ECO101614	EBC100664	77%	85.3%	99.2%
ECO101614	ECO101614	100%	100%	100%
ECO101614	KPN301023	64%	94.3%	99.3%
ECO101614	PAE203302	43%	93.3%	97.9%
ECO101614	PPU103467	45%	93.0%	96.2%
ECO101614	PSY101352	56%	13.0%	88.6%
ECO101614	PSY101350	45%	93.6%	97.6%
ECO101614	SPA102318	84%	95.3%	86.4%
ECO101614	STY100593	84%	96.3%	99.7%
ECO101623	BCE100945	40%	41.9%	84.9%
ECO101623	BFU111464	31%	94.8%	95.2%
ECO101623	BMA100071	39%	57.7%	85.4%
ECO101623	CDP100089	46%	94.7%	99.3%
ECO101623	ECO101623	100%	100%	100%
ECO101623	KPN207289	39%	4.0%	68.8%
ECO101623	KPN201518	25%	38.0%	72.5%
ECO101623	MAV101236	55%	59.5%	99.3%
ECO101623	MBV104588	47%	94.8%	99.5%
ECO101623	MLP100829	21%	24.5%	42.2%
ECO101623	MTU203253	47%	98.9%	99.1%
ECO101623	PAE203270	32%	95.0%	97.3%
ECO101623	PPU101466	31%	93.2%	95.7%
ECO101623	PSY100837	27%	55.1%	94.6%
ECO101628	CAC102213	33%	96.5%	97.6%
ECO101628	EBC100562	93%	72.1%	99.6%
ECO101628	EFA202357	31%	90.6%	92.2%
ECO101628	EFM101435	33%	97.1%	99.1%
ECO101628	ECO101628	100%	100%	100%
ECO101628	HIN101601	55%	97.1%	98.8%
ECO101628	KPN300879	93%	60.7%	95.4%
ECO101628	MBV100614	26%	78.9%	90.9%
ECO101628	MTU203523	27%	89.4%	90.3%
ECO101628	PMU100547	57%	97.1%	98.8%
ECO101628	PRT100632	81%	100%	100%
ECO101628	PPU103881	44%	99.7%	100%
ECO101628	PSY102604	44%	97.4%	97.6%
ECO101628	SPA101415	94%	91.2%	100%
ECO101628	STY100617	95%	100%	100%
ECO101628	SMU101203	29%	97.1%	99.7%
ECO101628	VCH101693	51%	97.7%	98.8%
ECO101628	YPS002950	82%	100%	100%
ECO101635	BAN106226	47%	92.1%	85.3%
ECO101635	BAN102708	46%	96.0%	94.2%
ECO101635	ECO101635	100%	100%	100%
ECO101635	SPA100886	66%	97.0%	83.1%
ECO101635	STY101449	65%	97.0%	95.1%
ECO101635	YPS001944	50%	99.0%	100%
ECO101637	BFR10242	27%	32.2%	41.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101637	BPT104008	33%	25.2%	18.5%
ECO101637	CAC101067	23%	48.5%	10.2%
ECO101637	ECO101637	100%	100%	100%
ECO101637	PRT105079	34%	97.8%	93.2%
ECO101656	ABA104107	28%	93.2%	93.3%
ECO101656	BPT104814	27%	92.7%	95.3%
ECO101656	BCE104286	27%	91.4%	92.9%
ECO101656	BFU112633	31%	90.8%	91.6%
ECO101656	BMA103873	29%	90.3%	94.7%
ECO101656	EBC101891	83%	94.3%	99.4%
ECO101656	ECO101656	100%	100%	100%
ECO101656	KPN303003	78%	100%	100%
ECO101656	MCA101759	29%	91.4%	87.2%
ECO101656	PRT102242	56%	97.0%	97.6%
ECO101656	PAE201624	33%	92.7%	97.2%
ECO101656	PPU106275	35%	89.5%	95.1%
ECO101656	PSY105020	36%	90.3%	96.0%
ECO101656	SPA103730	90%	64.3%	99.2%
ECO101656	STY101075	88%	100%	99.5%
ECO101656	VCH100612	26%	91.9%	95.6%
ECO101656	YPS002998	63%	96.5%	97.5%
ECO101669	BFR10371	29%	92.6%	96.6%
ECO101669	BPT100702	28%	89.4%	96.6%
ECO101669	BCE100738	31%	86.7%	93.9%
ECO101669	BFU100216	32%	91.3%	93.4%
ECO101669	ECO101669	100%	100%	100%
ECO101669	MAV105805	27%	89.0%	97.0%
ECO101669	MAV100637	27%	90.3%	98.2%
ECO101669	MAV101497	33%	88.5%	97.6%
ECO101669	MAV101780	32%	93.1%	97.9%
ECO101669	MAV100482	33%	92.4%	96.1%
ECO101669	MAV102258	35%	92.4%	96.8%
ECO101669	MBV101174	32%	86.4%	89.6%
ECO101669	MLP101504	29%	90.5%	91.1%
ECO101669	MTU202468	32%	86.4%	89.6%
ECO101669	SPN400966	23%	59.4%	73.2%
ECO101671	ABA104295	46%	97.5%	96.8%
ECO101671	BAN100578	26%	96.0%	100%
ECO101671	BAN112243	27%	96.8%	97.0%
ECO101671	BPT101147	47%	97.5%	97.8%
ECO101671	BCE112791	46%	97.1%	69.7%
ECO101671	BFU105739	46%	97.1%	98.5%
ECO101671	BMA108973	45%	97.1%	98.5%
ECO101671	CBO100467	27%	93.9%	95.9%
ECO101671	CDF100604	28%	94.6%	92.9%
ECO101671	EBC100597	91%	100%	100%
ECO101671	EFA202131	28%	92.1%	93.7%
ECO101671	EFA200379	32%	97.1%	93.3%
ECO101671	ECO101671	100%	100%	100%
ECO101671	KPN303005	91%	100%	100%
ECO101671	LPN102482	49%	97.5%	99.3%
ECO101671	LMO101177	28%	94.9%	94.9%
ECO101671	MCA103646	47%	97.5%	93.4%
ECO101671	NGO100762	47%	97.1%	98.2%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101671	NME200764	47%	97.1%	98.2%
ECO101671	PRT102244	71%	98.6%	94.8%
ECO101671	PAE201768	49%	97.1%	97.8%
ECO101671	PPU101850	50%	97.1%	98.5%
ECO101671	PSY105558	51%	79.8%	97.8%
ECO101671	SPA101612	97%	100%	100%
ECO101671	STY101082	97%	100%	100%
ECO101671	SAU801563	24%	93.5%	94.9%
ECO101671	SEP201637	28%	94.6%	95.6%
ECO101671	SHA100874	26%	92.1%	91.7%
ECO101671	VCH103704	50%	97.8%	97.5%
ECO101671	YPS003004	80%	98.6%	100%
ECO101675	EBC102496	47%	100%	99.6%
ECO101675	ECO101675	100%	100%	100%
ECO101675	SPA100008	49%	94.1%	100%
ECO101675	STY101099	52%	98.3%	98.3%
ECO101675	STM103463	52%	98.3%	98.3%
ECO101679	BPT102451	41%	97.5%	96.2%
ECO101679	BCE104877	37%	82.8%	78.9%
ECO101679	BFU114351	35%	95.1%	89.1%
ECO101679	BMA102774	38%	96.6%	90.3%
ECO101679	CJU101521	31%	95.4%	95.7%
ECO101679	CPN200459	27%	22.1%	7.7%
ECO101679	CAC100433	32%	95.1%	95.0%
ECO101679	CBO103820	32%	83.7%	77.4%
ECO101679	CBO102965	30%	94.5%	97.0%
ECO101679	CBO103219	36%	84.4%	75.8%
ECO101679	CDF101617	34%	83.4%	81.5%
ECO101679	CDP100773	35%	95.7%	92.3%
ECO101679	EBC102490	75%	100%	100%
ECO101679	ECO101679	100%	100%	100%
ECO101679	HIN101440	33%	95.4%	95.8%
ECO101679	KPN301694	83%	99.4%	98.8%
ECO101679	NGO100092	31%	95.7%	95.7%
ECO101679	NME200420	33%	95.7%	95.7%
ECO101679	PMU101148	36%	86.8%	83.2%
ECO101679	PRT101302	53%	98.2%	93.3%
ECO101679	PAE204703	47%	85.0%	87.5%
ECO101679	PPU100241	41%	94.2%	95.9%
ECO101679	SPA101351	89%	100%	100%
ECO101679	STY101110	91%	100%	100%
ECO101679	STM103452	91%	100%	100%
ECO101679	VCH101225	47%	97.5%	96.1%
ECO101679	YPS003045	68%	99.1%	97.0%
ECO101684	ABA102501	81%	100%	99.2%
ECO101684	BAN104202	39%	96.6%	95.8%
ECO101684	BAN110178	57%	96.6%	96.6%
ECO101684	BFR104064	56%	98.3%	100%
ECO101684	BPT100292	67%	100%	99.2%
ECO101684	BBU100187	47%	93.2%	95.7%
ECO101684	BCE102715	70%	100%	99.2%
ECO101684	BFU102443	71%	100%	99.2%
ECO101684	BMA107401	70%	100%	99.2%
ECO101684	CJU100217	58%	99.2%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101684	CPN200847	43%	99.2%	96.7%
ECO101684	CTR200218	44%	99.2%	95.1%
ECO101684	CAC101951	59%	96.6%	95.8%
ECO101684	CDF102735	56%	100%	100%
ECO101684	CDP100976	58%	99.2%	92.1%
ECO101684	EBC102984	100%	100%	100%
ECO101684	EFA200358	60%	100%	99.2%
ECO101684	EFM201307	60%	100%	99.2%
ECO101684	ECO101684	100%	100%	100%
ECO101684	HIN101286	95%	99.2%	100%
ECO101684	HPY100124	50%	97.5%	99.1%
ECO101684	KPN301692	99%	100%	100%
ECO101684	LPN101410	79%	100%	99.2%
ECO101684	LMO100743	60%	100%	99.2%
ECO101684	MAV106548	60%	99.2%	89.3%
ECO101684	MBV101274	60%	99.2%	90.7%
ECO101684	MLP100866	58%	99.2%	90.7%
ECO101684	MTU201622	60%	99.2%	90.7%
ECO101684	MGE100200	49%	94.9%	90.3%
ECO101684	MPN100037	52%	95.8%	89.0%
ECO101684	NGO101855	79%	100%	99.2%
ECO101684	NME200857	79%	100%	99.2%
ECO101684	PMU100604	96%	99.2%	100%
ECO101684	PRT101306	92%	100%	100%
ECO101684	PAE202739	83%	100%	100%
ECO101684	PPU111376	82%	100%	100%
ECO101684	PSY109131	83%	100%	100%
ECO101684	SPA100657	100%	95.8%	94.2%
ECO101684	STY101118	100%	100%	100%
ECO101684	STM103448	100%	100%	100%
ECO101684	SAU801678	61%	99.2%	99.2%
ECO101684	SEP201662	62%	99.2%	99.2%
ECO101684	SHA100082	61%	99.2%	99.2%
ECO101684	SMU100912	60%	99.2%	98.3%
ECO101684	SPN400863	62%	99.2%	98.3%
ECO101684	SPY200598	61%	99.2%	98.3%
ECO101684	TPA100839	45%	89.0%	86.1%
ECO101684	UUR100231	49%	93.2%	96.7%
ECO101684	VCH103020	89%	99.2%	100%
ECO101684	YPS003061	97%	100%	100%
ECO101685	ABA102503	56%	98.5%	85.1%
ECO101685	BAN113355	59%	83.1%	81.8%
ECO101685	BAN109536	59%	83.1%	81.8%
ECO101685	BFR104500	61%	67.7%	69.8%
ECO101685	BPT100293	52%	100%	100%
ECO101685	BBU100188	46%	95.4%	93.9%
ECO101685	BCE106262	51%	95.4%	100%
ECO101685	BFU102444	51%	95.4%	100%
ECO101685	BMA105698	53%	100%	100%
ECO101685	CJU100216	55%	69.2%	69.8%
ECO101685	CPN200848	40%	87.7%	89.1%
ECO101685	CTR200217	38%	87.7%	89.1%
ECO101685	CAC101588	51%	98.5%	98.5%
ECO101685	CBO102406	51%	98.5%	98.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101685	CDF104095	54%	98.5%	100%
ECO101685	CDP100973	46%	80%	81.2%
ECO101685	EBC102982	92%	100%	100%
ECO101685	EFA203061	51%	83.1%	81.8%
ECO101685	EFM202134	55%	83.1%	81.8%
ECO101685	ECO101685	100%	100%	100%
ECO101685	HIN101285	78%	100%	73.0%
ECO101685	HPY100123	56%	67.7%	67.2%
ECO101685	KPN301691	100%	100%	100%
ECO101685	LPN101798	61%	72.3%	75.8%
ECO101685	LMO101064	55%	83.1%	81.8%
ECO101685	MAV106547	46%	83.1%	84.4%
ECO101685	MBV101273	41%	95.4%	96.9%
ECO101685	MLP100865	44%	83.1%	84.4%
ECO101685	MTU201621	41%	95.4%	96.9%
ECO101685	MGE100199	50%	80%	88.1%
ECO101685	MPN100038	47%	78.5%	86.4%
ECO101685	NGO101853	58%	100%	100%
ECO101685	NME200856	58%	100%	100%
ECO101685	PMU100603	78%	100%	100%
ECO101685	PRT103408	89%	100%	100%
ECO101685	PAE202740	63%	89.2%	89.1%
ECO101685	PPU103712	58%	89.2%	82.6%
ECO101685	PSY107471	56%	89.2%	89.1%
ECO101685	SPA100656	100%	100%	100%
ECO101685	STY101126	100%	100%	100%
ECO101685	STM103447	100%	100%	100%
ECO101685	SAU801679	48%	98.5%	97.0%
ECO101685	SEP201663	50%	98.5%	97.0%
ECO101685	SHA100081	50%	98.5%	97.0%
ECO101685	SMU100910	51%	83.1%	81.8%
ECO101685	SPN400862	48%	95.4%	93.9%
ECO101685	SPY200597	51%	83.1%	83.1%
ECO101685	TPA100840	57%	100%	100%
ECO101685	UUR100230	44%	89.2%	90.6%
ECO101685	VCH103019	61%	100%	100%
ECO101685	YPS003064	89%	100%	100%
ECO101686	ABA102498	61%	62.8%	100%
ECO101686	BAN104142	51%	90.6%	94.7%
ECO101686	BAN107901	53%	90.6%	83.1%
ECO101686	BFR100214	49%	92.8%	83.3%
ECO101686	BPT101959	71%	86.7%	94.5%
ECO101686	BBU100189	44%	92.8%	89.2%
ECO101686	BCE106172	69%	87.2%	100%
ECO101686	BFU107897	66%	87.2%	100%
ECO101686	BMA109299	68%	87.2%	100%
ECO101686	CJU100195	43%	91.1%	94.8%
ECO101686	CPN200849	47%	92.8%	91.9%
ECO101686	CTR200216	47%	92.8%	91.9%
ECO101686	CAC103337	47%	91.1%	93.1%
ECO101686	CBO100172	50%	91.1%	88.6%
ECO101686	CDF100791	48%	77.2%	97.9%
ECO101686	CDP100970	49%	81.1%	98.0%
ECO101686	EBC102980	95%	80%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101686	EFA200363	48%	93.3%	96.5%
ECO101686	EFM200354	44%	47.2%	94.4%
ECO101686	ECO101686	100%	100%	100%
ECO101686	HIN101284	83%	74.4%	99.3%
ECO101686	HPY100122	42%	92.2%	81.3%
ECO101686	KPN301690	97%	80%	100%
ECO101686	LMO102427	50%	90%	94.2%
ECO101686	MCA103235	56%	81.7%	100%
ECO101686	MAV106545	47%	77.8%	80.3%
ECO101686	MBV103903	45%	85%	82.6%
ECO101686	MLP100864	45%	85%	82.2%
ECO101686	MTU201620	46%	91.7%	81.6%
ECO101686	MGE100198	29%	78.3%	75.7%
ECO101686	MPN100039	30%	99.4%	89.1%
ECO101686	NGO101851	66%	86.7%	100%
ECO101686	NME200855	66%	93.9%	97.1%
ECO101686	PMU100602	81%	83.3%	97.4%
ECO101686	PRT100107	88%	62.2%	100%
ECO101686	PAE202741	64%	100%	96.7%
ECO101686	PPU111378	63%	100%	96.7%
ECO101686	PSY102598	64%	100%	100%
ECO101686	SPA100655	97%	100%	100%
ECO101686	STY101129	98%	100%	100%
ECO101686	STM103446	100%	80%	100%
ECO101686	SAU801680	53%	90.6%	94.2%
ECO101686	SEP201664	53%	90.6%	92.6%
ECO101686	SMU100907	51%	90%	80.5%
ECO101686	SPN400861	53%	90%	82.6%
ECO101686	SPY200596	51%	90%	91.5%
ECO101686	TPA100841	45%	92.8%	92.7%
ECO101686	UUR100229	31%	94.4%	96.6%
ECO101686	YPS003067	89%	100%	100%
ECO101687	ABA102500	63%	98.9%	99.1%
ECO101687	BAN104316	43%	98.4%	99.5%
ECO101687	BAN100978	46%	98.4%	98.7%
ECO101687	BFR103141	41%	79.4%	99.2%
ECO101687	BPT101956	56%	98.9%	98.5%
ECO101687	BBU100719	42%	88.2%	97.6%
ECO101687	BCE105528	58%	98.8%	99.7%
ECO101687	BFU105096	58%	98.8%	97.7%
ECO101687	BMA106934	59%	98.8%	99.7%
ECO101687	CJU100194	42%	93.8%	99.2%
ECO101687	CPN201046	40%	91.0%	91.5%
ECO101687	CTR200859	40%	95.6%	96.5%
ECO101687	CAC102528	48%	98.4%	98.9%
ECO101687	CBO100249	48%	98.6%	95.0%
ECO101687	CDF102396	48%	98.4%	93.2%
ECO101687	CDP100262	38%	93.6%	92.1%
ECO101687	EBC102990	94%	100%	100%
ECO101687	EFA200266	41%	98.6%	99.2%
ECO101687	EFM200127	41%	98.6%	99.1%
ECO101687	ECO101687	100%	100%	100%
ECO101687	HIN101333	78%	100%	99.8%
ECO101687	HPY100121	42%	88.6%	92.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101687	KPN300773	94%	96.9%	100%
ECO101687	LPN100924	57%	94.5%	99.7%
ECO101687	LMO102823	42%	98.0%	99.2%
ECO101687	MCA103158	63%	98.9%	99.2%
ECO101687	MAV102514	39%	94.7%	93.1%
ECO101687	MBV100785	40%	88.6%	85.7%
ECO101687	MLP100282	40%	88.6%	85.0%
ECO101687	MTU202577	40%	88.6%	86.3%
ECO101687	MGE100386	29%	86.3%	99.6%
ECO101687	MPN100289	28%	86.3%	98.8%
ECO101687	NGO101849	61%	98.0%	96.8%
ECO101687	NME200854	62%	98.0%	98.4%
ECO101687	PMU100593	79%	100%	99.8%
ECO101687	PRT105628	84%	100%	100%
ECO101687	PAE202742	65%	99.8%	100%
ECO101687	PPU103710	65%	99.8%	100%
ECO101687	PSY102599	65%	99.8%	100%
ECO101687	SPA100654	92%	77.3%	100%
ECO101687	STY101132	97%	100%	100%
ECO101687	STM103445	96%	100%	100%
ECO101687	SAU801683	43%	98.1%	98.4%
ECO101687	SEP201666	42%	98.1%	98.4%
ECO101687	SHA102097	45%	98.8%	97.5%
ECO101687	SMU101079	40%	98.6%	98.6%
ECO101687	SPN401471	41%	98.6%	97.0%
ECO101687	SPY200371	41%	98.6%	98.6%
ECO101687	TPA100828	48%	89.6%	97.5%
ECO101687	UUR100540	36%	87.7%	98.3%
ECO101687	VCH103018	75%	100%	100%
ECO101687	YPS003070	88%	100%	100%
ECO101688	ECO101688	100%	100%	100%
ECO101689	ECO103911	29%	97.7%	76.2%
ECO101689	ECO101689	100%	100%	100%
ECO101689	YPS000041	34%	30.8%	38.5%
ECO101689	YPS001066	29%	55.2%	54.6%
ECO101698	ECO101698	100%	100%	100%
ECO101700	ABA103947	58%	90.6%	96.9%
ECO101700	BAN112207	51%	72.9%	81.5%
ECO101700	BAN103415	54%	90.7%	99.8%
ECO101700	BFR12345	43%	65.5%	99.0%
ECO101700	BPT102828	42%	64.9%	92.3%
ECO101700	BCE114338	42%	11.6%	88.7%
ECO101700	BCE109764	43%	56.6%	82.5%
ECO101700	BFU104726	56%	96.3%	100%
ECO101700	BMA109166	47%	51.1%	74.7%
ECO101700	CJU101309	45%	57.1%	88.0%
ECO101700	EBC102119	86%	98.5%	99.1%
ECO101700	EFA201830	44%	64.4%	98.5%
ECO101700	ECO101700	100%	100%	100%
ECO101700	HIN100907	41%	64.9%	93.9%
ECO101700	HPY100862	43%	64.0%	94.1%
ECO101700	KPN302795	81%	99.1%	99.2%
ECO101700	LMO102038	44%	64.9%	97.5%
ECO101700	MCA101882	40%	64.9%	94.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101700	MAV104721	50%	92.3%	96.9%
ECO101700	NGO100702	41%	65.2%	95.0%
ECO101700	NME200047	42%	65.2%	95.0%
ECO101700	PMU100032	42%	64.1%	97.1%
ECO101700	PRT101830	40%	64.9%	96.2%
ECO101700	PAE202145	59%	91.9%	96.8%
ECO101700	PPU100583	58%	94.2%	99.9%
ECO101700	PSY101358	58%	76.4%	100%
ECO101700	SPA101365	89%	88.8%	100%
ECO101700	STY101168	88%	99.6%	99.7%
ECO101700	SAU801334	39%	65.3%	95.7%
ECO101700	SEP201991	38%	65.3%	96.2%
ECO101700	VCH101561	39%	64.7%	83.1%
ECO101700	YPS000256	42%	65.1%	99.4%
ECO101711	BCE113211	29%	48.4%	31.0%
ECO101711	BFU115576	21%	88.2%	71.8%
ECO101711	BMA101083	20%	80.1%	67.5%
ECO101711	EBC102266	81%	100%	100%
ECO101711	ECO101711	100%	100%	100%
ECO101711	KPN302804	81%	100%	100%
ECO101711	LPN101454	27%	56.5%	69.1%
ECO101711	NGO100202	28%	78.9%	84.0%
ECO101711	NME201292	27%	78.9%	84.0%
ECO101711	PAE203203	34%	90.1%	86.3%
ECO101711	PSY103109	29%	93.8%	89.0%
ECO101711	SPA103118	85%	100%	100%
ECO101711	STY101200	88%	100%	100%
ECO101711	STM103422	89%	100%	100%
ECO101712	ABA104594	44%	98.8%	98.8%
ECO101712	BPT103254	26%	19.6%	19.8%
ECO101712	BCE114029	43%	92.2%	98.1%
ECO101712	BFU112337	46%	98.8%	92.9%
ECO101712	BMA102153	47%	98.8%	92.8%
ECO101712	EBC102265	63%	100%	100%
ECO101712	ECO101712	100%	100%	100%
ECO101712	KPN302783	63%	100%	100%
ECO101712	PAE200900	38%	98.8%	97.6%
ECO101712	PPU101071	38%	98.8%	96.4%
ECO101712	PSY103122	39%	98.8%	96.4%
ECO101712	SPA103117	69%	99.7%	100%
ECO101712	STY101202	70%	99.7%	99.7%
ECO101712	STM103421	70%	99.7%	99.7%
ECO101712	VCH101223	34%	99.4%	94.4%
ECO101712	YPS002643	49%	99.7%	97.6%
ECO101714	ABA105742	68%	98.2%	98.8%
ECO101714	BCE107495	57%	98.4%	99.4%
ECO101714	BFU112434	56%	98.4%	99.0%
ECO101714	BMA105262	55%	98.4%	99.4%
ECO101714	EBC102263	79%	99.8%	52.7%
ECO101714	ECO101714	100%	100%	100%
ECO101714	KPN302790	77%	98.8%	98.8%
ECO101714	LPN101241	50%	97.8%	97.0%
ECO101714	PAE200897	62%	98.2%	99.0%
ECO101714	PPU106933	60%	98.2%	99.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101714	PSY103136	60%	98.8%	99.4%
ECO101714	SPA100702	82%	98.6%	100%
ECO101714	STY101206	82%	87.0%	100%
ECO101714	STM103417	83%	99.0%	99.0%
ECO101714	VCH102579	57%	98.6%	99.8%
ECO101714	YPS002625	65%	98.4%	95.8%
ECO101729	ABA105584	71%	98.7%	95.7%
ECO101729	BAN113279	29%	88.1%	89.1%
ECO101729	BAN112245	31%	84.1%	96.8%
ECO101729	BFR11684	56%	98.9%	99.8%
ECO101729	BFR102226	59%	97.8%	98.6%
ECO101729	BPT102499	72%	98.7%	95.3%
ECO101729	BCE100574	34%	79.6%	81.1%
ECO101729	BFU102258	23%	67.1%	85.4%
ECO101729	BMA107852	34%	65.1%	87.3%
ECO101729	CPN200930	20%	70.9%	82.1%
ECO101729	CAC103455	54%	98.2%	99.1%
ECO101729	CBO101019	32%	88.8%	89.7%
ECO101729	CDF101512	32%	88.8%	93.1%
ECO101729	CDP101183	59%	98.7%	98.4%
ECO101729	EBC101589	91%	98.9%	100%
ECO101729	EFA202330	55%	100%	100%
ECO101729	EFM200836	39%	13.0%	82.9%
ECO101729	ECO101729	100%	100%	100%
ECO101729	HIN100179	74%	99.8%	99.8%
ECO101729	HPY100376	57%	98.4%	99.6%
ECO101729	KPN307117	90%	100%	100%
ECO101729	LPN100778	22%	65.5%	71.7%
ECO101729	LMO102007	57%	97.1%	94.8%
ECO101729	MCA100007	54%	98.9%	99.8%
ECO101729	NGO100595	66%	98.2%	99.1%
ECO101729	NME201813	66%	98.2%	99.1%
ECO101729	PMU100043	74%	99.8%	99.8%
ECO101729	PRT101534	82%	100%	100%
ECO101729	PAE204586	65%	99.3%	99.8%
ECO101729	PPU101007	65%	98.9%	98.7%
ECO101729	SPA100748	92%	100%	100%
ECO101729	STY101224	92%	100%	100%
ECO101729	STM101795	33%	80.1%	79.1%
ECO101729	SAU800958	29%	88.6%	93.0%
ECO101729	SEP200164	29%	88.6%	93.0%
ECO101729	SHA100738	37%	18.6%	47.3%
ECO101729	SHA101571	30%	88.6%	92.5%
ECO101729	SMU100896	57%	98.2%	98.0%
ECO101729	SPN401180	55%	98.7%	98.4%
ECO101729	YPS002504	83%	100%	100%
ECO101739	BAN104442	33%	96.0%	97.7%
ECO101739	BAN102029	33%	99.7%	99.7%
ECO101739	BPT100971	32%	98.5%	88.5%
ECO101739	BBU100527	27%	92.0%	88.3%
ECO101739	CDF101932	24%	97.9%	73.7%
ECO101739	EFM202426	36%	96.0%	96.5%
ECO101739	ECO101739	100%	100%	100%
ECO101739	LMO101114	33%	100%	94.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101739	MAV104842	36%	96.0%	92.1%
ECO101739	PAE201126	35%	99.7%	94.8%
ECO101739	SAU800600	33%	97.2%	97.1%
ECO101739	SEP200145	32%	96.0%	95.8%
ECO101739	SHA100813	33%	97.2%	97.4%
ECO101752	BAN103600	24%	80.3%	75.4%
ECO101752	BAN104592	26%	95.8%	93.6%
ECO101752	BPT101378	49%	98.6%	99.5%
ECO101752	BCE113273	54%	97.7%	97.9%
ECO101752	BFU100576	54%	98.6%	98.8%
ECO101752	CJU100856	30%	18.7%	71.8%
ECO101752	CAC102209	28%	95.8%	95.7%
ECO101752	EBC102642	95%	98.8%	100%
ECO101752	ECO101752	100%	100%	100%
ECO101752	KPN300345	94%	32.3%	93.2%
ECO101752	KPN302879	91%	99.8%	99.8%
ECO101752	LPN103620	53%	98.6%	99.5%
ECO101752	PAE200586	58%	98.6%	99.3%
ECO101752	PPU100631	56%	99.3%	100%
ECO101752	PSY103401	56%	98.6%	99.3%
ECO101752	SPA100434	76%	66.3%	100%
ECO101752	STY101256	94%	99.1%	99.1%
ECO101752	VCH101843	73%	99.1%	100%
ECO101752	YPS000696	86%	98.6%	99.1%
ECO101753	ABA100639	33%	37.5%	72.5%
ECO101753	BFR106061	21%	25.1%	33.2%
ECO101753	BPT101941	29%	35.6%	49.6%
ECO101753	BCE106878	24%	87.2%	96.5%
ECO101753	CAC102460	31%	35.2%	29.4%
ECO101753	CDF100180	33%	33.0%	49.4%
ECO101753	EBC100307	33%	44.4%	97.8%
ECO101753	ECO100999	38%	89.4%	97.3%
ECO101753	ECO101753	100%	100%	100%
ECO101753	HPY200297	27%	25.1%	49.0%
ECO101753	KPN300785	27%	80.2%	87.9%
ECO101753	LPN102390	32%	43.2%	30.7%
ECO101753	LMO101448	27%	40.5%	56%
ECO101753	LMO102375	28%	36.9%	50.3%
ECO101753	NME201936	31%	22.8%	29.1%
ECO101753	SPA101696	34%	35.8%	49.2%
ECO101753	STY104535	34%	35.8%	49.2%
ECO101753	SMU101724	27%	25.1%	77.0%
ECO101753	SPY103619	30%	15.9%	63.4%
ECO101753	TPA100971	33%	32.8%	41.3%
ECO101753	UUR100526	20%	22.8%	19.0%
ECO101753	VCH101352	23%	79.4%	92.1%
ECO101763	ABA105513	40%	90.2%	86.7%
ECO101763	BAN100828	36%	92.7%	87.8%
ECO101763	BFR105380	39%	61.0%	95.1%
ECO101763	BPT100872	37%	92.7%	89.2%
ECO101763	BCE101273	47%	97.6%	67.2%
ECO101763	CDP101886	35%	97.6%	92.0%
ECO101763	EBC100161	90%	100%	100%
ECO101763	EFA200147	27%	92.7%	90%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101763	EFM200246	28%	97.6%	100%
ECO101763	ECO101763	100%	100%	100%
ECO101763	KPN302997	87%	75.6%	100%
ECO101763	MCA102133	43%	86.6%	78.4%
ECO101763	MAV103677	38%	98.8%	76.0%
ECO101763	MBV102010	35%	98.8%	79.2%
ECO101763	MLP101243	32%	98.8%	79.8%
ECO101763	MTU201828	35%	98.8%	79.2%
ECO101763	PRT106179	75%	92.7%	92.7%
ECO101763	PAE205419	41%	98.8%	97.5%
ECO101763	PPU103670	47%	98.8%	97.5%
ECO101763	PSY103272	42%	98.8%	97.5%
ECO101763	SPA103813	95%	100%	100%
ECO101763	STY101269	95%	100%	100%
ECO101763	STM103357	95%	100%	100%
ECO101763	SAU800374	38%	91.5%	85.5%
ECO101763	SEP201355	38%	91.5%	84.5%
ECO101763	SPN400255	32%	91.5%	93.4%
ECO101763	SPY200974	28%	92.7%	87.8%
ECO101763	YPS000210	82%	100%	76.6%
ECO101764	ECO101764	100%	100%	100%
ECO101764	KPN303650	49%	91.7%	66.3%
ECO101764	PRT104545	53%	90%	46.5%
ECO101764	SPA103812	96%	100%	100%
ECO101764	STY101560	95%	100%	100%
ECO101764	STM103355	96%	100%	100%
ECO101765	ECO101765	100%	100%	100%
ECO101765	KPN303648	68%	88.2%	95.5%
ECO101765	PRT105988	60%	88.2%	95.5%
ECO101765	SPA103810	84%	100%	99.2%
ECO101765	STY101562	84%	100%	99.2%
ECO101765	STM103353	83%	100%	99.2%
ECO101780	ABA104139	38%	79.0%	77.7%
ECO101780	BAN105904	31%	80.8%	83.4%
ECO101780	BAN105947	36%	93.8%	89.8%
ECO101780	CJU100801	35%	55.6%	42.1%
ECO101780	CDF101312	45%	83.4%	61.5%
ECO101780	CDP101238	40%	58.1%	31.4%
ECO101780	EBC102374	74%	98.7%	98.9%
ECO101780	ECO101780	100%	100%	100%
ECO101780	HPY100289	35%	63.4%	52.6%
ECO101780	KPN304841	76%	99.1%	99.6%
ECO101780	LPN100163	38%	99.1%	99.8%
ECO101780	PRT104174	60%	97.8%	94.3%
ECO101780	PAE201757	47%	95.1%	94.0%
ECO101780	PPU111323	45%	95.4%	95.7%
ECO101780	PSY106827	46%	92.9%	99.5%
ECO101780	SPA101635	76%	98.0%	99.8%
ECO101780	STY101751	76%	99.8%	99.6%
ECO101780	STM101879	76%	99.8%	99.6%
ECO101780	SPN201794	38%	59.2%	46.8%
ECO101780	SPY201530	35%	59.2%	46.0%
ECO101780	VCH101284	59%	99.6%	98.9%
ECO101780	YPS001281	66%	97.4%	96.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101781	ABA105027	38%	80.7%	75.1%
ECO101781	BPT100243	42%	79.7%	64.3%
ECO101781	BCE101466	42%	83.9%	73.7%
ECO101781	BFU102068	43%	79.7%	71.4%
ECO101781	BMA100553	42%	80.7%	31.0%
ECO101781	CBO100995	25%	71.4%	74.9%
ECO101781	CDF101386	25%	90.6%	95.1%
ECO101781	CDP101714	32%	90.6%	71.7%
ECO101781	EBC102375	84%	100%	100%
ECO101781	ECO101781	100%	100%	100%
ECO101781	KPN304842	84%	100%	100%
ECO101781	LPN101532	30%	69.3%	98.5%
ECO101781	LMO102769	33%	45.3%	36.8%
ECO101781	MCA102435	37%	82.3%	64.2%
ECO101781	MAV102732	34%	80.7%	61.4%
ECO101781	MBV103988	34%	80.2%	60.8%
ECO101781	MLP101366	35%	79.2%	61.7%
ECO101781	MTU203618	34%	80.2%	60.8%
ECO101781	PRT106168	52%	94.3%	97.8%
ECO101781	PAE203751	40%	92.7%	87.7%
ECO101781	PPU107780	46%	80.2%	80.6%
ECO101781	PSY103810	43%	92.2%	89.4%
ECO101781	SPA101637	70%	89.6%	100%
ECO101781	STY101753	87%	100%	100%
ECO101781	STM101882	89%	97.4%	97.4%
ECO101781	SPY201658	25%	77.6%	78.9%
ECO101781	VCH101283	34%	95.8%	95.6%
ECO101781	YPS001278	55%	95.3%	95.5%
ECO101782	ABA105163	54%	99.6%	99.6%
ECO101782	BFR11775	41%	94.5%	98.4%
ECO101782	BPT100261	53%	99.1%	98.5%
ECO101782	BCE110535	53%	99.1%	98.9%
ECO101782	BFU101746	52%	99.1%	98.9%
ECO101782	BMA107390	52%	99.1%	98.9%
ECO101782	CJU101530	45%	99.3%	99.3%
ECO101782	CBO100452	33%	60.4%	91.2%
ECO101782	CDP101615	63%	98.5%	97.2%
ECO101782	EBC102376	89%	100%	100%
ECO101782	EFA202451	34%	61.2%	92.6%
ECO101782	ECO101782	100%	100%	100%
ECO101782	HIN100274	69%	100%	100%
ECO101782	HPY100130	45%	99.3%	99.1%
ECO101782	KPN304852	89%	100%	100%
ECO101782	MCA100203	53%	98.7%	99.6%
ECO101782	MAV102729	34%	10.8%	10.3%
ECO101782	MBV106198	50%	99.1%	98.0%
ECO101782	MTU200069	50%	99.1%	98.0%
ECO101782	PMU100036	68%	99.8%	99.8%
ECO101782	PRT106079	80%	100%	100%
ECO101782	PAE202441	53%	99.1%	98.9%
ECO101782	PPU104035	53%	99.1%	98.9%
ECO101782	SPA101021	87%	100%	100%
ECO101782	STY101754	94%	100%	100%
ECO101782	STM101885	94%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101782	VCH101281	75%	99.8%	100%
ECO101782	YPS001275	84%	99.8%	99.8%
ECO101785	BPT101965	29%	31.6%	81.1%
ECO101785	BCE100539	29%	40.2%	79.5%
ECO101785	BFU102714	31%	41.8%	71.0%
ECO101785	BMA103652	30%	40.2%	79.6%
ECO101785	CAC100528	27%	43.7%	86.6%
ECO101785	CDF101085	32%	97.8%	100%
ECO101785	CDF102264	28%	99.1%	100%
ECO101785	EBC100373	97%	21.4%	98.6%
ECO101785	EFA200641	43%	98.5%	97.3%
ECO101785	EFM201694	23%	34.1%	80.1%
ECO101785	EFM202558	42%	98.5%	97.3%
ECO101785	ECO101785	100%	100%	100%
ECO101785	KPN304856	94%	100%	100%
ECO101785	LMO102369	42%	98.5%	97.2%
ECO101785	NGO101815	28%	40.6%	91.0%
ECO101785	NME200364	30%	40.6%	91.0%
ECO101785	PMU100834	64%	99.1%	98.8%
ECO101785	SPA100142	93%	97.8%	100%
ECO101785	STY101758	95%	100%	100%
ECO101785	STM101897	95%	100%	100%
ECO101785	SMU101286	39%	99.1%	98.8%
ECO101785	SPN400261	39%	99.1%	97.9%
ECO101785	SPY201337	39%	99.1%	98.8%
ECO101785	YPS000675	81%	100%	100%
ECO101796	BFR104413	55%	90.9%	95.9%
ECO101796	BPT102042	44%	89.7%	95.0%
ECO101796	BCE112542	59%	90.5%	97.8%
ECO101796	BFU104304	59%	90.9%	94.3%
ECO101796	BMA105070	57%	90.5%	97.4%
ECO101796	CAC101675	32%	82.6%	84.0%
ECO101796	CBO102946	31%	81.0%	83.9%
ECO101796	CDF100814	32%	82.8%	32.4%
ECO101796	CDP100150	29%	90.3%	96.8%
ECO101796	EBC101616	86%	35.8%	100%
ECO101796	EFA202385	32%	84.2%	87.2%
ECO101796	ECO101796	100%	100%	100%
ECO101796	KPN301541	79%	92.1%	99.8%
ECO101796	MBV105656	28%	81.6%	77.6%
ECO101796	MTU202299	28%	81.6%	75.6%
ECO101796	PAE200245	29%	83.0%	82.8%
ECO101796	SPA100492	89%	91.5%	100%
ECO101796	STM101923	90%	92.5%	100%
ECO101796	SMU103098	25%	34.0%	93.0%
ECO101796	VCH101573	28%	82.0%	84.9%
ECO101796	YPS000541	70%	90.5%	98.2%
ECO101812	ABA105060	28%	95.9%	96.9%
ECO101812	BFR12043	23%	94.1%	91.4%
ECO101812	BCE102658	29%	69.1%	79.2%
ECO101812	CPN200090	25%	97.7%	88.8%
ECO101812	CTR200812	27%	87.7%	80.8%
ECO101812	CAC103515	35%	66.4%	50.7%
ECO101812	EBC102091	88%	98.6%	98.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101812	ECO101812	100%	100%	100%
ECO101812	KPN301983	87%	98.6%	99.1%
ECO101812	MAV103787	32%	69.1%	75.3%
ECO101812	SPA101082	90%	99.5%	100%
ECO101812	STY102242	90%	99.5%	94.4%
ECO101812	STM101972	90%	99.5%	94.4%
ECO101822	BPT102404	59%	99.2%	97.7%
ECO101822	BCE107531	52%	98.8%	85.4%
ECO101822	BFU103511	51%	99.6%	75.9%
ECO101822	BMA100592	52%	98.8%	98.7%
ECO101822	EBC101988	96%	99.8%	100%
ECO101822	ECO101822	100%	100%	100%
ECO101822	HIN101541	77%	100%	100%
ECO101822	KPN301976	95%	100%	100%
ECO101822	LPN100837	44%	94.4%	99.8%
ECO101822	NGO101773	49%	100%	98.6%
ECO101822	NME200171	49%	100%	98.6%
ECO101822	PMU100653	78%	100%	100%
ECO101822	PRT102540	85%	100%	100%
ECO101822	PAE204327	57%	99.0%	98.6%
ECO101822	PPU103342	57%	99.0%	98.3%
ECO101822	PSY105033	55%	99.0%	98.6%
ECO101822	SPA101027	96%	38.1%	100%
ECO101822	STY102252	98%	100%	100%
ECO101822	STM101984	98%	100%	100%
ECO101822	VCH101978	68%	99.8%	99.8%
ECO101822	YPS003477	89%	100%	100%
ECO101830	BCE101208	46%	73.0%	70.2%
ECO101830	ECO101830	100%	100%	100%
ECO101830	SPA102453	80%	82.4%	96.5%
ECO101830	STY102261	80%	82.4%	96.5%
ECO101830	STM102393	80%	82.4%	96.5%
ECO101834	ABA101157	59%	98.8%	98.5%
ECO101834	BAN109213	38%	98.6%	99.5%
ECO101834	BAN103380	52%	99.5%	99.3%
ECO101834	BFR10266	48%	78.3%	99.1%
ECO101834	BPT101790	57%	98.8%	99.0%
ECO101834	BBU100445	41%	85.1%	99.0%
ECO101834	BCE104313	44%	14.9%	70.2%
ECO101834	BCE111669	56%	98.8%	98.3%
ECO101834	BFU111015	58%	98.8%	98.5%
ECO101834	BMA100432	58%	98.8%	98.3%
ECO101834	CJU100601	51%	98.8%	99.1%
ECO101834	CPN200083	44%	98.6%	99.1%
ECO101834	CTR200818	45%	98.6%	99.5%
ECO101834	CAC102618	48%	99.5%	98.3%
ECO101834	CBO100008	47%	99.5%	98.5%
ECO101834	CDF100502	52%	98.6%	97.6%
ECO101834	CDP100396	47%	96.4%	95.7%
ECO101834	EBC102309	92%	100%	100%
ECO101834	EFA202213	53%	98.6%	98.6%
ECO101834	EFM202626	53%	99.5%	99.5%
ECO101834	ECO101834	100%	100%	100%
ECO101834	HIN100302	76%	99.2%	99.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101834	HPY100610	49%	99.2%	100%
ECO101834	KPN301306	93%	51.5%	96.8%
ECO101834	LPN101576	55%	98.8%	98.8%
ECO101834	LMO101015	52%	99.7%	99.5%
ECO101834	MCA100604	56%	99.3%	99.3%
ECO101834	MAV103031	47%	87.3%	99.8%
ECO101834	MBV101554	46%	96.4%	93.5%
ECO101834	MLP100306	45%	96.4%	96.4%
ECO101834	MTU202535	46%	96.4%	95.8%
ECO101834	MGE100036	33%	95.3%	95.3%
ECO101834	MPN100108	35%	95.6%	94.4%
ECO101834	NGO101633	55%	98.8%	99.5%
ECO101834	NME201865	56%	99.5%	99.0%
ECO101834	PMU100983	77%	99.2%	99.5%
ECO101834	PRT100115	78%	98.6%	100%
ECO101834	PAE200962	64%	98.8%	98.6%
ECO101834	PPU112195	62%	98.8%	98.6%
ECO101834	PSY106866	63%	90.7%	98.5%
ECO101834	SPA102449	91%	66.6%	99.7%
ECO101834	STY102265	94%	100%	100%
ECO101834	SAU801630	54%	98.6%	99.1%
ECO101834	SEP201575	53%	98.6%	99.1%
ECO101834	SHA100663	53%	98.6%	99.1%
ECO101834	SMU101272	50%	99.8%	99.0%
ECO101834	SPN401921	50%	98.6%	98.1%
ECO101834	SPY201648	49%	98.6%	99.0%
ECO101834	TPA100975	42%	98.6%	96.7%
ECO101834	UUR100288	39%	98.1%	99.0%
ECO101834	VCH101147	75%	98.8%	98.6%
ECO101834	YPS003419	82%	99.3%	98.0%
ECO101844	ABA102360	23%	99.7%	99.3%
ECO101844	BAN106237	31%	74.2%	92.4%
ECO101844	BAN106908	33%	93.2%	93.7%
ECO101844	BFR10875	26%	95.0%	94.7%
ECO101844	BPT101508	24%	99.1%	99.8%
ECO101844	BBU100593	22%	95.3%	93.2%
ECO101844	BCE100461	27%	99.7%	98.7%
ECO101844	BFU103077	25%	99.7%	98.7%
ECO101844	BMA100457	26%	99.7%	98.7%
ECO101844	CJU101100	22%	92.2%	92.8%
ECO101844	CPN200176	39%	96.2%	95.7%
ECO101844	CTR200729	39%	99.7%	98.8%
ECO101844	CAC101790	33%	94.5%	94.7%
ECO101844	CBO100741	32%	94.5%	94.7%
ECO101844	CDF104545	33%	93.8%	93.6%
ECO101844	CDP100057	25%	95.3%	94%
ECO101844	EBC100321	88%	52.9%	100%
ECO101844	EFA200290	31%	100%	100%
ECO101844	EFM201011	30%	100%	100%
ECO101844	ECO101844	100%	100%	100%
ECO101844	HIN101550	71%	100%	100%
ECO101844	HPY100315	22%	93.2%	93.7%
ECO101844	KPN301304	92%	100%	100%
ECO101844	LPN101161	23%	99.7%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101844	LMO101656	27%	99.5%	98.7%
ECO101844	MCA100331	67%	100%	100%
ECO101844	MAV106525	26%	99.3%	97.3%
ECO101844	MBV105559	25%	99.8%	99.3%
ECO101844	MLP100693	24%	99.8%	99.3%
ECO101844	MTU201275	25%	99.8%	99.3%
ECO101844	MGE100389	27%	27.9%	30.2%
ECO101844	MPN100286	22%	90.5%	89.9%
ECO101844	NGO100228	56%	100%	100%
ECO101844	NME201566	57%	100%	100%
ECO101844	PMU100551	71%	97.6%	100%
ECO101844	PRT100545	77%	100%	100%
ECO101844	PAE205046	53%	99.7%	98.6%
ECO101844	PPU109126	55%	99.7%	99.3%
ECO101844	PSY103569	56%	99.7%	98.6%
ECO101844	SPA103053	90%	100%	100%
ECO101844	STY102666	95%	100%	100%
ECO101844	STM102429	95%	100%	100%
ECO101844	SAU800607	25%	99.7%	98.9%
ECO101844	SEP200171	25%	99.5%	98.6%
ECO101844	SHA101545	26%	99.7%	98.9%
ECO101844	SMU101264	33%	100%	100%
ECO101844	SPN401887	33%	92.2%	92.4%
ECO101844	SPY201643	34%	92.2%	92.4%
ECO101844	TPA100822	26%	91.9%	91.2%
ECO101844	UUR100280	21%	99.0%	98.9%
ECO101844	VCH102042	71%	100%	96.3%
ECO101844	YPS003380	83%	100%	100%
ECO101848	BAN109475	29%	89.3%	99.1%
ECO101848	BAN107115	30%	89.8%	56.3%
ECO101848	BPT101039	54%	97.6%	97.4%
ECO101848	BBU100271	26%	91.6%	94.4%
ECO101848	BCE101394	43%	83.8%	99.4%
ECO101848	BFU107593	49%	97.6%	92.1%
ECO101848	BMA106909	47%	97.6%	79.6%
ECO101848	CJU100304	37%	93.2%	98.3%
ECO101848	CPN200429	28%	94.2%	99.4%
ECO101848	CTR200360	27%	89.8%	95%
ECO101848	CAC101540	34%	90.3%	56.6%
ECO101848	CBO103112	37%	90.8%	56.8%
ECO101848	CDF101537	35%	90.6%	57.3%
ECO101848	CDP100831	24%	50%	24.0%
ECO101848	EBC101868	82%	75.4%	99.7%
ECO101848	ECO101848	100%	100%	100%
ECO101848	HPY100757	34%	91.1%	96.6%
ECO101848	LPN102387	37%	96.9%	96.6%
ECO101848	LMO101348	32%	88.5%	96.0%
ECO101848	PRT101697	56%	99.7%	99.7%
ECO101848	PAE201448	41%	97.1%	98.1%
ECO101848	PPU100957	42%	97.1%	98.2%
ECO101848	PSY104645	39%	97.1%	98.1%
ECO101848	SPA103608	30%	89.8%	96.9%
ECO101848	STY102681	90%	99.5%	99.5%
ECO101848	STM104011	30%	89.8%	96.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101848	TPA100707	31%	88.0%	89.4%
ECO101848	VCH102087	42%	95.8%	97.6%
ECO101848	YPS001340	65%	99.5%	98.7%
ECO101849	BPT100969	66%	93.0%	93.8%
ECO101849	BCE102972	54%	95.3%	90.5%
ECO101849	BFU101753	52%	94.9%	94.5%
ECO101849	BMA100242	54%	92.5%	88.4%
ECO101849	EBC102526	86%	100%	100%
ECO101849	ECO101849	100%	100%	100%
ECO101849	PRT101698	68%	97.7%	97.7%
ECO101849	PAE201456	36%	90.7%	79.8%
ECO101849	PPU107239	34%	90.7%	80.2%
ECO101849	PSY104628	36%	90.7%	80.5%
ECO101849	STY102684	92%	100%	100%
ECO101849	VCH102032	34%	95.3%	87.4%
ECO101849	YPS000444	79%	95.8%	95.8%
ECO101850	BPT100968	78%	98.4%	98.4%
ECO101850	BBU100569	37%	91.5%	97.6%
ECO101850	BCE114763	76%	96.9%	95.4%
ECO101850	BFU101848	77%	94.6%	96.1%
ECO101850	BMA102452	77%	96.9%	95.4%
ECO101850	CJU101044	48%	91.5%	91.5%
ECO101850	EBC102527	92%	100%	100%
ECO101850	ECO101850	100%	100%	100%
ECO101850	HPY101050	49%	91.5%	96.0%
ECO101850	PRT101699	83%	100%	100%
ECO101850	PAE201455	60%	94.6%	98.4%
ECO101850	PPU107240	58%	86.0%	98.2%
ECO101850	PSY108633	62%	96.9%	97.7%
ECO101850	STY102690	97%	100%	100%
ECO101850	VCH102033	66%	96.9%	96.2%
ECO101850	YPS000441	90%	100%	100%
ECO101855	ABA100537	23%	61.7%	57.9%
ECO101855	BAN103169	26%	85.0%	47%
ECO101855	BAN111824	26%	85.0%	47.6%
ECO101855	BPT100964	74%	91.6%	85.6%
ECO101855	BBU100564	33%	86.8%	87.8%
ECO101855	BCE102043	71%	89.2%	87.1%
ECO101855	BFU104019	70%	89.8%	84.3%
ECO101855	BMA106471	71%	89.2%	85.1%
ECO101855	CJU100254	32%	79.6%	79.8%
ECO101855	CAC101201	34%	83.2%	82.1%
ECO101855	CBO101893	31%	86.8%	98.0%
ECO101855	CDF100179	31%	86.8%	84.3%
ECO101855	EBC101567	93%	100%	100%
ECO101855	ECO101855	100%	100%	100%
ECO101855	HPY100387	30%	82.0%	82.4%
ECO101855	LMO100168	28%	85.0%	46.4%
ECO101855	PRT101704	82%	92.2%	92.8%
ECO101855	PAE200177	65%	92.2%	96.9%
ECO101855	PPU100206	31%	89.8%	94.3%
ECO101855	PSY104621	31%	94.6%	99.4%
ECO101855	SPA102291	92%	100%	100%
ECO101855	STY102699	91%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101855	STM100698	23%	80.2%	42.3%
ECO101855	TPA100435	31%	85.0%	85.9%
ECO101855	VCH103807	38%	88.6%	97.4%
ECO101855	YPS000402	84%	97.6%	98.8%
ECO101862	EBC104539	95%	100%	100%
ECO101862	EBC103941	96%	100%	100%
ECO101862	EBC100826	96%	100%	100%
ECO101862	EBC103716	96%	100%	100%
ECO101862	EBC103336	100%	100%	100%
ECO101862	EFM200791	25%	84.6%	24.9%
ECO101862	EFM200545	27%	63.7%	21.3%
ECO101862	EFM201822	26%	86.8%	24.6%
ECO101862	EFM202619	26%	86.8%	24.6%
ECO101862	EFM200291	26%	86.8%	24.6%
ECO101862	EFM201961	26%	86.8%	24.6%
ECO101862	EFM200014	26%	86.8%	24.6%
ECO101862	EFM202174	28%	86.8%	27.1%
ECO101862	ECO101862	100%	100%	100%
ECO101862	ECO103367	100%	100%	100%
ECO101862	ECO100022	100%	100%	100%
ECO101868	BCE102392	53%	98.8%	96.7%
ECO101868	BCE113790	55%	98.6%	99.0%
ECO101868	BFU102747	53%	42.3%	81.2%
ECO101868	BMA100031	54%	98.6%	97.6%
ECO101868	EBC102563	88%	100%	100%
ECO101868	ECO101868	100%	100%	100%
ECO101868	KPN301529	87%	100%	98.6%
ECO101868	PPU103879	39%	46.6%	95.0%
ECO101868	PSY105277	60%	97.4%	96.8%
ECO101868	YPS001717	79%	47.0%	96.3%
ECO101870	EBC102565	63%	100%	100%
ECO101870	ECO101870	100%	100%	100%
ECO101870	KPN301537	50%	97.0%	95.9%
ECO101870	SPA102034	76%	100%	100%
ECO101870	STY102732	76%	100%	100%
ECO101870	STM102496	76%	100%	100%
ECO101871	ECO101871	100%	100%	100%
ECO101871	KPN308700	50%	75%	76.4%
ECO101872	EBC102561	48%	78.5%	100%
ECO101872	ECO101872	100%	100%	100%
ECO101872	KPN207037	25%	51.4%	93.2%
ECO101872	SPA102033	57%	91.6%	100%
ECO101872	STY102735	60%	97.2%	93.7%
ECO101872	STM102500	61%	97.2%	93.7%
ECO101882	BCE114633	55%	98%	95.2%
ECO101882	BFU102808	59%	96.4%	94.8%
ECO101882	CAC100722	52%	99.2%	100%
ECO101882	CAC102757	56%	99.2%	100%
ECO101882	CBO102646	54%	97.2%	98.0%
ECO101882	EBC100445	92%	100%	100%
ECO101882	EFA200396	58%	98%	99.6%
ECO101882	ECO101882	100%	100%	100%
ECO101882	HIN101054	57%	97.6%	94.9%
ECO101882	KPN300045	89%	40.8%	85%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101882	KPN300885	89%	66%	87.8%
ECO101882	LMO100107	58%	98%	99.2%
ECO101882	PPU109960	77%	99.2%	97.6%
ECO101882	PSY103670	74%	97.2%	98.4%
ECO101882	SPA102746	90%	100%	100%
ECO101882	STY102765	92%	100%	100%
ECO101882	SAU801857	53%	99.2%	100%
ECO101882	SEP200471	53%	99.2%	100%
ECO101882	YPS001591	77%	99.2%	98.0%
ECO101897	BAN101612	26%	73.6%	91.9%
ECO101897	BFU101528	26%	88.7%	78.0%
ECO101897	BMA102559	29%	54.7%	39.2%
ECO101897	CAC103410	23%	63.5%	70.5%
ECO101897	ECO101897	100%	100%	100%
ECO101897	KPN302916	29%	95.6%	94.4%
ECO101916	EBC104124	22%	85.5%	89.4%
ECO101916	ECO101916	100%	100%	100%
ECO101916	KPN300872	61%	60.9%	96.9%
ECO101916	LMO101661	31%	23.2%	20.3%
ECO101916	PRT103362	21%	93.7%	96.5%
ECO101916	SPA102250	88%	100%	100%
ECO101916	STY102835	87%	100%	100%
ECO101916	STM102569	87%	100%	100%
ECO101916	YPS003114	23%	89.4%	93.1%
ECO101932	ECO101932	100%	100%	100%
ECO101932	HPY101345	27%	43.4%	45.8%
ECO101932	PAE204881	32%	95.4%	95.0%
ECO101932	PSY102848	34%	94.5%	94.4%
ECO101932	SPA103998	54%	99.3%	98.9%
ECO101932	STY103627	54%	99.3%	98.9%
ECO101939	BPT100783	32%	86.3%	94.2%
ECO101939	BCE106818	33%	82.0%	87.0%
ECO101939	BFU100112	34%	82.0%	86.6%
ECO101939	BMA106390	33%	82.0%	85.8%
ECO101939	EBC101415	81%	95.3%	100%
ECO101939	ECO101939	100%	100%	100%
ECO101939	KPN301295	78%	74.8%	99.5%
ECO101939	PAE204027	39%	83.5%	84.8%
ECO101939	PPU108189	39%	84.9%	87.8%
ECO101939	PSY102145	38%	86.0%	89.6%
ECO101939	SPA100917	80%	99.3%	100%
ECO101939	STY102854	84%	89.9%	94.3%
ECO101939	STM103015	85%	89.9%	94.3%
ECO101939	YPS000612	66%	89.9%	92.6%
ECO101940	ABA106057	24%	15.3%	83.5%
ECO101940	ABA101677	23%	20.1%	85.4%
ECO101940	ABA105636	22%	28.0%	95.0%
ECO101940	ABA102772	23%	22.0%	89.0%
ECO101940	ABA100270	24%	47.8%	51.6%
ECO101940	ABA105476	21%	23.2%	80.5%
ECO101940	ABA100269	23%	58.7%	46.7%
ECO101940	ABA103692	22%	45.7%	93.5%
ECO101940	BAN103564	18%	40.9%	91.9%
ECO101940	BAN110387	20%	49.7%	98.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101940	BAN100594	22%	45.3%	74.1%
ECO101940	BAN103966	20%	29.1%	86.4%
ECO101940	BAN106993	21%	29.7%	86.0%
ECO101940	BAN112238	21%	70.8%	35.0%
ECO101940	BPT101815	27%	79.9%	71.4%
ECO101940	BCE112364	20%	29.0%	39.2%
ECO101940	BCE102526	22%	75.8%	5.6%
ECO101940	CAC100010	21%	30.3%	72.2%
ECO101940	CBO100633	24%	7.4%	32.6%
ECO101940	CDF100798	20%	7.3%	35.6%
ECO101940	CDF104552	19%	72.1%	39.7%
ECO101940	EFA203172	20%	7.8%	64.8%
ECO101940	EFA200715	22%	63.6%	81.9%
ECO101940	EFM201066	22%	44.1%	27.4%
ECO101940	ECO101940	100%	100%	100%
ECO101940	LPN100835	22%	12.5%	89.5%
ECO101940	LPN102554	21%	28.5%	89.5%
ECO101940	LPN101177	20%	74.3%	71.6%
ECO101940	LMO102668	20%	61.8%	43.8%
ECO101940	LMO101179	20%	7.8%	15.1%
ECO101940	LMO101791	20%	4.4%	41.4%
ECO101940	PRT101411	26%	81.2%	83.6%
ECO101940	PAE201873	21%	28.9%	78.2%
ECO101940	PPU104136	20%	69.1%	30.2%
ECO101940	SPA102738	40%	13.9%	93.9%
ECO101940	STM102843	19%	8.2%	54.6%
ECO101940	SPN401402	22%	56.7%	15.3%
ECO101940	YPS002407	28%	90.0%	76.3%
ECO101943	ABA102320	38%	94.7%	83.6%
ECO101943	BPT100469	37%	93.8%	88.7%
ECO101943	BCE104326	72%	96.8%	88.7%
ECO101943	BFU103848	74%	98.9%	98.6%
ECO101943	BMA105236	40%	95.2%	94.3%
ECO101943	EBC102095	90%	99.3%	99.3%
ECO101943	ECO101943	100%	100%	100%
ECO101943	KPN308062	85%	98.9%	100%
ECO101943	MAV105065	39%	95.0%	87.8%
ECO101943	SPA102653	39%	93.4%	94.5%
ECO101943	STM103556	41%	94.7%	96.5%
ECO101944	BFR10768	28%	57.4%	90.3%
ECO101944	BPT102655	48%	97.5%	94.8%
ECO101944	BCE111329	47%	98.1%	67.2%
ECO101944	BFU111886	47%	97.7%	94.9%
ECO101944	BMA107275	48%	98.1%	95.3%
ECO101944	CPN200955	27%	60.1%	86.7%
ECO101944	CTR200127	26%	57.6%	81.7%
ECO101944	EBC102094	90%	97.3%	100%
ECO101944	ECO101944	100%	100%	100%
ECO101944	KPN301247	88%	100%	100%
ECO101944	PRT103047	86%	42.8%	100%
ECO101944	PAE203967	54%	98.3%	95.8%
ECO101944	PPU107622	56%	98.3%	98.2%
ECO101944	PSY105099	53%	98.3%	98.2%
ECO101944	SPA100713	90%	93.6%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101944	STY102855	90%	100%	100%
ECO101944	YPS001830	72%	96.9%	87.7%
ECO101945	BAN112031	60%	68.9%	100%
ECO101945	BAN104148	56%	98.7%	98.3%
ECO101945	BAN104405	58%	98.7%	98.3%
ECO101945	EFA200256	62%	98.7%	98.3%
ECO101945	EFM201788	64%	99.2%	98.7%
ECO101945	ECO101945	100%	100%	100%
ECO101945	LMO101499	62%	98.7%	98.3%
ECO101945	SPA102952	96%	100%	100%
ECO101945	STY104391	95%	100%	98.8%
ECO101945	SAU800669	48%	60.1%	97.9%
ECO101945	SEP200711	56%	98.7%	98.7%
ECO101945	SHA102248	56%	98.7%	98.7%
ECO101945	SMU101096	77%	100%	100%
ECO101945	SPN401736	74%	98.7%	98.7%
ECO101945	SPY200231	78%	99.6%	99.6%
ECO101945	VCH102742	42%	98.3%	98.3%
ECO101953	ABA105612	27%	29.0%	31.2%
ECO101953	BFU100696	50%	91.4%	95.6%
ECO101953	EBC104763	92%	18.6%	100%
ECO101953	EBC107253	93%	18.6%	100%
ECO101953	EBC101291	100%	16.9%	100%
ECO101953	EBC102182	96%	29.6%	99.0%
ECO101953	EBC101203	93%	32.2%	100%
ECO101953	EBC104566	98%	39.3%	100%
ECO101953	EBC100510	87%	46.7%	100%
ECO101953	EBC103428	98%	41.7%	100%
ECO101953	EBC104220	96%	45.0%	100%
ECO101953	EBC101223	99%	55.6%	96.4%
ECO101953	EBC104973	92%	100%	100%
ECO101953	ECO102150	99%	100%	100%
ECO101953	ECO100251	99%	100%	100%
ECO101953	ECO100542	99%	100%	100%
ECO101953	ECO102916	99%	100%	100%
ECO101953	ECO101302	99%	100%	100%
ECO101953	ECO101989	99%	100%	100%
ECO101953	ECO103428	99%	100%	100%
ECO101953	ECO100646	99%	100%	100%
ECO101953	ECO103148	99%	100%	100%
ECO101953	ECO101953	100%	100%	100%
ECO101953	KPN206674	93%	26.9%	98.9%
ECO101953	KPN201650	96%	96.2%	99.7%
ECO101953	LPN101936	20%	68.3%	89.6%
ECO101953	MBV101126	23%	36.7%	47.1%
ECO101953	MTU203341	23%	36.7%	52.1%
ECO101953	NGO101896	26%	25.1%	58.4%
ECO101953	NGO100681	26%	25.1%	58.4%
ECO101953	NGO100569	26%	25.1%	58.4%
ECO101953	NGO100201	26%	25.1%	58.4%
ECO101953	NGO101807	26%	25.1%	58.4%
ECO101953	NGO100715	26%	25.1%	58.4%
ECO101953	NME200429	23%	24.0%	79.0%
ECO101953	NME201600	26%	24.0%	79.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101953	NME201634	26%	25.4%	78.6%
ECO101953	NME201479	26%	25.4%	72.1%
ECO101953	NME201478	27%	59.8%	93.8%
ECO101953	NME201635	28%	59.8%	95.1%
ECO101953	NME201501	27%	62.7%	94.5%
ECO101953	NME201597	28%	60.7%	79.2%
ECO101953	NME200676	27%	68.9%	79.7%
ECO101953	NME201125	30%	60.7%	76.2%
ECO101953	NME200427	26%	86.1%	91.6%
ECO101953	NME201028	27%	86.1%	90.7%
ECO101953	NME201153	27%	86.1%	90.7%
ECO101953	NME201109	27%	86.1%	90.7%
ECO101953	NME200210	28%	86.1%	90.7%
ECO101953	PPU111071	58%	92.3%	95.7%
ECO101953	PSY108820	28%	32.5%	87.5%
ECO101953	PSY100971	37%	28.1%	79.8%
ECO101953	PSY107786	56%	17.2%	84.1%
ECO101953	PSY108012	58%	14.8%	52.1%
ECO101953	PSY100713	50%	15.4%	69.3%
ECO101953	PSY105545	51%	29.3%	0.9%
ECO101953	PSY102628	55%	46.2%	95.1%
ECO101953	PSY105342	66%	42.3%	98.6%
ECO101953	PSY102624	54%	47.0%	98.8%
ECO101953	PSY108079	54%	56.8%	93.6%
ECO101953	PSY100132	58%	61.8%	93.7%
ECO101953	PSY105328	57%	65.7%	94.5%
ECO101953	PSY108150	53%	77.5%	96.3%
ECO101953	PSY108972	53%	77.5%	98.9%
ECO101953	PSY101764	57%	79.9%	92.8%
ECO101953	PSY100142	58%	77.5%	92.9%
ECO101953	PSY100923	55%	88.8%	97.1%
ECO101953	PSY100425	56%	89.1%	94.9%
ECO101953	PSY100530	56%	91.7%	95.1%
ECO101953	PSY106503	57%	91.7%	95.1%
ECO101953	PSY106678	57%	91.4%	95.7%
ECO101953	PSY107045	57%	91.7%	95.1%
ECO101953	PSY103445	57%	91.7%	95.1%
ECO101953	PSY100366	57%	91.7%	95.1%
ECO101953	PSY106085	57%	91.7%	95.1%
ECO101953	PSY105970	57%	91.7%	95.1%
ECO101953	PSY103492	57%	91.7%	95.1%
ECO101953	PSY106670	57%	91.7%	95.1%
ECO101953	PSY108825	57%	91.7%	95.1%
ECO101953	PSY106530	57%	91.7%	95.1%
ECO101953	PSY106607	57%	91.7%	95.1%
ECO101953	PSY100555	57%	91.7%	95.1%
ECO101953	PSY100919	57%	91.7%	95.1%
ECO101953	PSY108757	57%	91.7%	95.1%
ECO101953	PSY101541	57%	91.7%	91.4%
ECO101953	PSY107011	57%	91.7%	95.1%
ECO101953	PSY108510	57%	91.7%	95.1%
ECO101953	PSY108390	57%	91.7%	95.1%
ECO101953	PSY106920	57%	91.7%	95.1%
ECO101953	PSY100368	57%	91.7%	95.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101953	PSY100686	57%	91.7%	95.1%
ECO101953	PSY100026	57%	91.7%	95.1%
ECO101953	PSY107134	57%	91.7%	95.1%
ECO101953	PSY107080	57%	91.7%	95.1%
ECO101953	PSY100200	57%	91.7%	95.1%
ECO101953	PSY101963	57%	91.7%	95.1%
ECO101953	PSY108098	57%	91.7%	95.1%
ECO101953	PSY106521	57%	91.7%	95.1%
ECO101953	PSY107158	57%	91.7%	95.1%
ECO101953	PSY108313	57%	91.7%	95.1%
ECO101953	PSY106814	57%	91.7%	95.1%
ECO101953	PSY107065	57%	91.7%	95.1%
ECO101953	PSY102698	57%	91.7%	95.1%
ECO101953	PSY108019	57%	91.7%	95.1%
ECO101953	PSY107438	57%	91.7%	95.1%
ECO101953	PSY106301	57%	91.7%	95.1%
ECO101953	PSY108294	57%	91.7%	95.1%
ECO101953	SAU302002	99%	100%	100%
ECO101953	VCH103198	82%	96.2%	99.7%
ECO101953	VCH103013	82%	96.2%	99.7%
ECO101961	BFU102395	46%	95.3%	65.3%
ECO101961	EBC103227	81%	61.5%	90.1%
ECO101961	ECO102590	77%	94.6%	87.5%
ECO101961	ECO100239	81%	100%	93.7%
ECO101961	ECO101961	100%	100%	100%
ECO101961	LPN103162	46%	70.9%	95.5%
ECO101961	SEP200678	43%	40.5%	57.1%
ECO101962	EBC107300	65%	75.3%	98.2%
ECO101962	ECO101962	100%	100%	100%
ECO101977	ECO101977	100%	100%	100%
ECO101977	STY104903	100%	68.8%	84.6%
ECO101978	ABA100967	32%	72.9%	99.0%
ECO101978	BAN110750	27%	67.9%	96.1%
ECO101978	BAN104616	29%	72.9%	98.6%
ECO101978	BFR10274	46%	97.7%	99.3%
ECO101978	BPT102118	35%	63.5%	84.3%
ECO101978	BCE111202	31%	67.9%	91.2%
ECO101978	BFU102918	31%	67.9%	85.3%
ECO101978	BMA100478	31%	67.9%	90.8%
ECO101978	CJU101503	66%	100%	100%
ECO101978	CAC100618	30%	75.6%	100%
ECO101978	CBO103224	31%	72.2%	96.7%
ECO101978	CDF101429	32%	67.9%	92.8%
ECO101978	CDP101163	31%	96.3%	97.9%
ECO101978	EBC101407	95%	100%	100%
ECO101978	ECO101978	100%	100%	100%
ECO101978	HIN100448	71%	100%	100%
ECO101978	KPN307753	93%	100%	100%
ECO101978	LPN101189	53%	98.3%	99.0%
ECO101978	LMO102293	35%	69.2%	93.9%
ECO101978	MCA100763	34%	65.6%	85.3%
ECO101978	MAV101032	32%	96.3%	97.9%
ECO101978	MBV101983	31%	96.3%	97.9%
ECO101978	MLP100814	29%	96.3%	97.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101978	MTU202088	31%	96.3%	97.9%
ECO101978	NGO101357	32%	74.9%	98.2%
ECO101978	NME201627	32%	74.9%	100%
ECO101978	PMU101195	74%	99.7%	99.7%
ECO101978	PRT102221	87%	100%	100%
ECO101978	PAE204447	33%	72.9%	98.1%
ECO101978	PPU111032	34%	70.9%	97.2%
ECO101978	PSY104792	34%	70.9%	97.2%
ECO101978	SPA101158	88%	100%	100%
ECO101978	STY103477	95%	100%	100%
ECO101978	STM103244	95%	100%	100%
ECO101978	SAU802679	32%	70.9%	96.6%
ECO101978	SEP202153	31%	70.6%	96.1%
ECO101978	SMU100230	33%	73.6%	96.7%
ECO101978	VCH101113	68%	98.3%	96.7%
ECO101978	YPS002977	87%	100%	100%
ECO101987	ABA103119	23%	64.2%	68.1%
ECO101987	BAN110772	28%	64.7%	58.3%
ECO101987	BAN111921	29%	86.9%	75.5%
ECO101987	BFR101373	56%	100%	98.6%
ECO101987	BPT102039	29%	87.1%	81.4%
ECO101987	BCE109316	29%	97.2%	83.9%
ECO101987	BFU100399	29%	67.5%	97.2%
ECO101987	BFU112557	27%	94.3%	86.4%
ECO101987	BFU102079	29%	87.1%	78.4%
ECO101987	BMA106683	28%	88.4%	79.6%
ECO101987	CJU101360	51%	100%	99.7%
ECO101987	CDF103450	30%	87.1%	77.4%
ECO101987	CDP101551	30%	76.3%	81.8%
ECO101987	EBC102062	88%	46.6%	100%
ECO101987	EFM202675	43%	23.5%	84.2%
ECO101987	EFM201814	59%	100%	98.6%
ECO101987	ECO101987	100%	100%	100%
ECO101987	KPN300804	81%	100%	100%
ECO101987	MCA101063	21%	46.4%	43.1%
ECO101987	MAV101246	29%	86.9%	81.4%
ECO101987	MBV102120	27%	81.2%	79.1%
ECO101987	MTU200321	28%	86.9%	81.0%
ECO101987	PMU100776	59%	99.7%	99.2%
ECO101987	PRT105811	75%	99.7%	99.5%
ECO101987	PAE203557	28%	88.4%	78.2%
ECO101987	PPU110693	28%	92.8%	85.7%
ECO101987	PSY108023	28%	86.9%	76.8%
ECO101987	SPA109961	87%	100%	100%
ECO101987	STY103507	88%	100%	100%
ECO101987	SPN400318	59%	100%	100%
ECO101987	SPY201684	54%	100%	100%
ECO101987	VCH103500	69%	100%	100%
ECO101987	YPS000760	29%	88.4%	81.5%
ECO101989	ABA105612	27%	29.0%	31.2%
ECO101989	BFU100696	49%	91.4%	95.6%
ECO101989	EBC104763	92%	18.6%	100%
ECO101989	EBC107253	93%	18.6%	100%
ECO101989	EBC101291	100%	16.9%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101989	EBC102182	96%	29.6%	99.0%
ECO101989	EBC101203	93%	32.2%	100%
ECO101989	EBC104566	98%	39.3%	100%
ECO101989	EBC100510	87%	46.7%	100%
ECO101989	EBC103428	98%	41.7%	100%
ECO101989	EBC104220	96%	45.0%	100%
ECO101989	EBC101223	99%	55.6%	96.4%
ECO101989	EBC104973	92%	100%	100%
ECO101989	ECO103148	100%	100%	100%
ECO101989	ECO100251	100%	100%	100%
ECO101989	ECO100542	100%	100%	100%
ECO101989	ECO100646	100%	100%	100%
ECO101989	ECO101302	100%	100%	100%
ECO101989	ECO103428	100%	100%	100%
ECO101989	ECO102150	100%	100%	100%
ECO101989	ECO102916	100%	100%	100%
ECO101989	ECO101989	100%	100%	100%
ECO101989	KPN206674	94%	26.9%	98.9%
ECO101989	KPN201650	96%	96.2%	99.7%
ECO101989	LPN101936	20%	68.3%	89.6%
ECO101989	MBV101126	23%	36.7%	47.1%
ECO101989	MTU203341	23%	36.7%	52.1%
ECO101989	NGO101896	26%	25.1%	58.4%
ECO101989	NGO100681	26%	25.1%	58.4%
ECO101989	NGO100569	26%	25.1%	58.4%
ECO101989	NGO100201	26%	25.1%	58.4%
ECO101989	NGO101807	26%	25.1%	58.4%
ECO101989	NGO100715	26%	25.1%	58.4%
ECO101989	NME200429	23%	24.0%	79.0%
ECO101989	NME201600	26%	24.0%	79.0%
ECO101989	NME201634	26%	25.4%	78.6%
ECO101989	NME201479	26%	25.4%	72.1%
ECO101989	NME201478	27%	59.8%	93.8%
ECO101989	NME201635	28%	59.8%	95.1%
ECO101989	NME201501	27%	62.7%	94.5%
ECO101989	NME201597	28%	60.7%	79.2%
ECO101989	NME200676	27%	68.9%	79.7%
ECO101989	NME201125	30%	60.7%	76.2%
ECO101989	NME200427	26%	86.1%	91.6%
ECO101989	NME201028	27%	86.1%	90.7%
ECO101989	NME201153	27%	86.1%	90.7%
ECO101989	NME201109	27%	86.1%	90.7%
ECO101989	NME200210	28%	86.1%	90.7%
ECO101989	PPU111071	58%	92.3%	95.7%
ECO101989	PSY108820	27%	32.5%	87.5%
ECO101989	PSY100971	36%	28.1%	79.8%
ECO101989	PSY107786	55%	17.2%	84.1%
ECO101989	PSY108012	56%	14.8%	52.1%
ECO101989	PSY100713	50%	15.4%	69.3%
ECO101989	PSY105545	50%	29.3%	0.9%
ECO101989	PSY102628	55%	46.2%	95.1%
ECO101989	PSY105342	66%	42.3%	98.6%
ECO101989	PSY102624	54%	47.0%	98.8%
ECO101989	PSY108079	54%	56.8%	93.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101989	PSY100132	58%	61.8%	93.7%
ECO101989	PSY105328	57%	65.7%	94.5%
ECO101989	PSY108150	53%	77.5%	96.3%
ECO101989	PSY108972	53%	77.5%	98.9%
ECO101989	PSY101764	56%	79.9%	92.8%
ECO101989	PSY100142	58%	77.5%	92.9%
ECO101989	PSY100923	55%	88.8%	97.1%
ECO101989	PSY100425	56%	89.1%	94.9%
ECO101989	PSY100530	56%	91.7%	95.1%
ECO101989	PSY106503	56%	91.7%	95.1%
ECO101989	PSY106678	57%	91.4%	95.7%
ECO101989	PSY107045	57%	91.7%	95.1%
ECO101989	PSY103445	57%	91.7%	95.1%
ECO101989	PSY100366	57%	91.7%	95.1%
ECO101989	PSY106085	57%	91.7%	95.1%
ECO101989	PSY105970	57%	91.7%	95.1%
ECO101989	PSY103492	57%	91.7%	95.1%
ECO101989	PSY106670	57%	91.7%	95.1%
ECO101989	PSY108825	57%	91.7%	95.1%
ECO101989	PSY106530	57%	91.7%	95.1%
ECO101989	PSY106607	57%	91.7%	95.1%
ECO101989	PSY101541	57%	91.7%	91.4%
ECO101989	PSY100919	57%	91.7%	95.1%
ECO101989	PSY108757	57%	91.7%	95.1%
ECO101989	PSY100555	57%	91.7%	95.1%
ECO101989	PSY107011	57%	91.7%	95.1%
ECO101989	PSY108510	57%	91.7%	95.1%
ECO101989	PSY108390	57%	91.7%	95.1%
ECO101989	PSY106920	57%	91.7%	95.1%
ECO101989	PSY100368	57%	91.7%	95.1%
ECO101989	PSY100686	57%	91.7%	95.1%
ECO101989	PSY100026	57%	91.7%	95.1%
ECO101989	PSY107134	57%	91.7%	95.1%
ECO101989	PSY107080	57%	91.7%	95.1%
ECO101989	PSY100200	57%	91.7%	95.1%
ECO101989	PSY101963	57%	91.7%	95.1%
ECO101989	PSY108098	57%	91.7%	95.1%
ECO101989	PSY106521	57%	91.7%	95.1%
ECO101989	PSY107158	57%	91.7%	95.1%
ECO101989	PSY108313	57%	91.7%	95.1%
ECO101989	PSY106814	57%	91.7%	95.1%
ECO101989	PSY107065	57%	91.7%	95.1%
ECO101989	PSY102698	57%	91.7%	95.1%
ECO101989	PSY108019	57%	91.7%	95.1%
ECO101989	PSY107438	57%	91.7%	95.1%
ECO101989	PSY106301	57%	91.7%	95.1%
ECO101989	PSY108294	57%	91.7%	95.1%
ECO101989	SAU302002	100%	100%	100%
ECO101989	VCH103198	82%	96.2%	99.7%
ECO101989	VCH103013	82%	96.2%	99.7%
ECO101994	BAN104507	24%	45.9%	30.4%
ECO101994	BFU115854	23%	59.5%	53.9%
ECO101994	CJU100398	25%	27.1%	28.2%
ECO101994	CDF101229	25%	33.2%	66.2%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO101994	EFA202758	25%	22.4%	45.2%
ECO101994	ECO101994	100%	100%	100%
ECO101994	SAU800598	22%	29.1%	53.4%
ECO101995	ABA100286	32%	24.5%	19.8%
ECO101995	BAN112682	39%	10.4%	7.8%
ECO101995	BAN101794	39%	10.4%	7.8%
ECO101995	BAN107558	50%	10.4%	7.9%
ECO101995	BCE113421	41%	75.2%	94.2%
ECO101995	CJU101358	60%	98.6%	98.1%
ECO101995	CAC100692	37%	98.9%	99.7%
ECO101995	CBO103801	63%	98.4%	98.6%
ECO101995	CDP100618	45%	98.4%	97.4%
ECO101995	EFA200263	60%	97.8%	95.8%
ECO101995	ECO101995	100%	100%	100%
ECO101995	KPN300283	40%	55.3%	89.4%
ECO101995	LPN100642	48%	11.2%	8.3%
ECO101995	MAV105101	44%	99.2%	91.1%
ECO101995	MBV105249	43%	99.2%	94.7%
ECO101995	MLP100062	43%	99.2%	91.5%
ECO101995	MTU203754	43%	99.2%	94.7%
ECO101995	MGE100139	31%	99.2%	95.0%
ECO101995	MPN100557	31%	98.9%	96.2%
ECO101995	PSY100373	39%	97.0%	90.1%
ECO101995	SPA103753	39%	96.2%	92.4%
ECO101995	STY101896	38%	89.4%	90.4%
ECO101995	STM101645	39%	96.2%	92.4%
ECO101995	SHA101771	26%	45.5%	37.6%
ECO101995	SPN400319	61%	53.4%	97.5%
ECO101995	YPS001684	20%	64.0%	58.3%
ECO101996	BAN112783	18%	96.4%	81.8%
ECO101996	BAN105601	19%	96.4%	82.0%
ECO101996	BFR10318	21%	89.2%	94.4%
ECO101996	BCE102578	30%	96.6%	92.6%
ECO101996	BFU109796	25%	96.4%	90.1%
ECO101996	BMA102055	28%	60.2%	96.2%
ECO101996	CAC103498	28%	96.1%	92.6%
ECO101996	CBO102105	18%	88.4%	76.8%
ECO101996	EFA103494	20%	96.1%	84.3%
ECO101996	EFM202571	22%	65.5%	90.8%
ECO101996	ECO101996	100%	100%	100%
ECO101996	MCA103135	26%	49.4%	46.7%
ECO101996	SAU800132	22%	98.3%	84.5%
ECO101996	SHA100902	27%	37.3%	54.4%
ECO101996	SPN401149	20%	96.4%	80.4%
ECO102017	EBC102686	90%	99.4%	98.8%
ECO102017	ECO102017	100%	100%	100%
ECO102017	PPU110717	36%	96.3%	89.7%
ECO102017	SPA101233	88%	98.8%	98.8%
ECO102017	STY103559	90%	98.8%	98.8%
ECO102018	BAN106184	50%	13.6%	16.4%
ECO102018	BAN101034	43%	33.0%	40.6%
ECO102018	BAN113598	32%	56.3%	54.7%
ECO102018	BCE115140	40%	38.0%	24.7%
ECO102018	BFU111005	35%	33.0%	25.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102018	BFU102835	34%	35.5%	30.3%
ECO102018	BMA100943	24%	76.7%	39.6%
ECO102018	CJU101054	33%	40.9%	37.2%
ECO102018	CBO100253	34%	35.8%	11.2%
ECO102018	CDF102522	39%	44.8%	46.2%
ECO102018	CDF100756	39%	36.9%	39.9%
ECO102018	EBC102685	91%	98.6%	100%
ECO102018	EFA101670	35%	43.4%	54.3%
ECO102018	EFA101668	26%	73.1%	18.5%
ECO102018	ECO102018	100%	100%	100%
ECO102018	HIN101661	23%	87.1%	82.3%
ECO102018	KPN206346	32%	93.9%	89.3%
ECO102018	PSY104048	28%	45.2%	25.0%
ECO102018	SPA101232	90%	99.3%	98.9%
ECO102018	STM104358	27%	33.3%	31.8%
ECO102018	SMU100170	29%	36.6%	33.4%
ECO102018	SPN400136	35%	41.6%	37.9%
ECO102018	SPY200581	26%	41.6%	38.7%
ECO102023	BFR103686	22%	54.0%	38.5%
ECO102023	BPT103136	24%	27.1%	44.5%
ECO102023	EBC102773	70%	100%	100%
ECO102023	ECO102023	100%	100%	100%
ECO102023	HIN100127	19%	31.6%	45.3%
ECO102023	KPN305530	62%	100%	100%
ECO102023	LPN102648	16%	28.5%	33.5%
ECO102023	MAV101053	25%	19.3%	38.7%
ECO102023	NGO102494	18%	36.1%	29%
ECO102023	NME201800	21%	36.1%	28.0%
ECO102023	PMU100950	19%	30.5%	42.6%
ECO102023	PRT101807	35%	100%	100%
ECO102023	PAE205141	18%	17.7%	27.6%
ECO102023	PPU100174	21%	16.7%	24.5%
ECO102023	PSY107421	29%	84.1%	84.6%
ECO102023	SPA100423	63%	75.0%	100%
ECO102023	STY103566	75%	100%	100%
ECO102023	VCH101020	22%	99.7%	99.4%
ECO102023	YPS002349	46%	100%	100%
ECO102033	BAN106562	18%	82.8%	96.7%
ECO102033	BPT102716	50%	85.8%	94.0%
ECO102033	BCE108874	44%	82.5%	84.9%
ECO102033	BFU100768	44%	81.5%	82.9%
ECO102033	CDF100611	23%	67.9%	85.8%
ECO102033	EBC100477	78%	76.9%	100%
ECO102033	EFA202080	21%	59.1%	68.8%
ECO102033	ECO102033	100%	100%	100%
ECO102033	HIN100874	26%	62.3%	74.9%
ECO102033	HPY100954	21%	58.2%	71.0%
ECO102033	KPN307304	79%	86.9%	100%
ECO102033	LPN100326	30%	69.8%	86.1%
ECO102033	PMU101134	26%	72.8%	87.9%
ECO102033	PRT103182	57%	87.5%	98.1%
ECO102033	PAE202526	43%	86.6%	94.1%
ECO102033	PPU101036	50%	78.7%	93.1%
ECO102033	PSY102464	54%	65.1%	89.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102033	SPA100386	78%	98.5%	100%
ECO102033	STY104172	83%	89.4%	100%
ECO102033	STM103909	82%	89.4%	100%
ECO102033	SAU800197	20%	38.4%	43.8%
ECO102033	SEP201308	21%	69.6%	87.9%
ECO102033	SMU100791	25%	44.0%	49.2%
ECO102033	SPN400693	21%	71.8%	88.5%
ECO102033	VCH100897	27%	72.6%	89.2%
ECO102033	YPS003133	64%	87.3%	91.2%
ECO102035	ABA100532	30%	98.7%	98.8%
ECO102035	BAN104054	21%	39.2%	92.3%
ECO102035	BAN113400	23%	92.4%	93.5%
ECO102035	BAN111342	24%	98.8%	98.3%
ECO102035	BAN109301	26%	47.2%	98.6%
ECO102035	BPT102713	60%	98.9%	98.5%
ECO102035	BFU114052	49%	31.6%	84.8%
ECO102035	BFU103150	41%	62.5%	97.5%
ECO102035	BFU100826	52%	99.1%	99.0%
ECO102035	BMA107834	48%	99.1%	34.6%
ECO102035	CDF100351	26%	20.6%	99.5%
ECO102035	CDF103505	27%	98.6%	96.6%
ECO102035	CDP100571	24%	25.2%	29.9%
ECO102035	EBC101451	90%	97.5%	49.3%
ECO102035	ECO102035	100%	100%	100%
ECO102035	HPY100600	29%	97.4%	97.5%
ECO102035	KPN300214	93%	9.4%	95.0%
ECO102035	KPN304474	91%	100%	100%
ECO102035	LMO101639	21%	22.5%	23.7%
ECO102035	MAV103710	25%	18.8%	19.9%
ECO102035	PRT102326	72%	99.3%	99.1%
ECO102035	PAE202524	63%	48.2%	98.3%
ECO102035	PPU101032	55%	98.6%	98.1%
ECO102035	PSY101154	55%	99.2%	98.6%
ECO102035	SPA104062	86%	98.3%	100%
ECO102035	STY104175	91%	100%	99.9%
ECO102035	STM103911	91%	100%	99.9%
ECO102035	SHA100824	25%	98.0%	93.8%
ECO102035	SPY201593	25%	16.2%	30.0%
ECO102035	YPS003145	80%	99.4%	99.5%
ECO102040	ABA105133	66%	96.7%	97.1%
ECO102040	BAN113695	28%	85.7%	86.7%
ECO102040	BAN110083	31%	95.4%	93.7%
ECO102040	CJU100651	33%	89.2%	87.1%
ECO102040	CAC103116	36%	92.1%	93.6%
ECO102040	CAC103516	38%	92.1%	93.8%
ECO102040	CBO101395	37%	92.1%	92.9%
ECO102040	CDF101858	38%	96.0%	96.6%
ECO102040	EBC101308	88%	52.8%	100%
ECO102040	EFA200766	34%	94.3%	94.7%
ECO102040	EFM201535	34%	94.9%	95.9%
ECO102040	ECO102040	100%	100%	100%
ECO102040	HIN100399	79%	99.3%	98.7%
ECO102040	HPY100166	36%	87.2%	84.6%
ECO102040	KPN300020	88%	22.1%	99.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102040	KPN300423	98%	20.8%	89.5%
ECO102040	KPN304482	95%	99.8%	99.8%
ECO102040	LMO102686	33%	95.6%	97.1%
ECO102040	MCA100567	64%	94.5%	98.9%
ECO102040	NGO100452	58%	95.4%	97.8%
ECO102040	NME201774	60%	95.4%	97.8%
ECO102040	PMU100233	78%	99.8%	99.3%
ECO102040	PRT102329	83%	99.6%	98.3%
ECO102040	PAE205435	74%	99.6%	95.5%
ECO102040	PPU111450	72%	96.9%	97.1%
ECO102040	SPA104056	94%	94.0%	100%
ECO102040	STY104182	96%	100%	100%
ECO102040	STM103916	96%	100%	100%
ECO102040	SAU801612	33%	87.2%	85.3%
ECO102040	SEP201130	33%	87.2%	85.3%
ECO102040	SHA101196	31%	86.8%	84.8%
ECO102040	SMU100046	32%	94.9%	92.3%
ECO102040	SPN401281	22%	54.5%	88.4%
ECO102040	SPN401283	32%	94.9%	91.0%
ECO102040	SPY200427	33%	94.9%	92.3%
ECO102040	VCH100704	78%	99.8%	98.7%
ECO102040	YPS003165	83%	99.8%	97.4%
ECO102041	BCE114538	40%	51.4%	45.1%
ECO102041	EBC100818	72%	100%	100%
ECO102041	ECO102041	100%	100%	100%
ECO102041	KPN300790	58%	93.1%	100%
ECO102041	SPA102924	56%	93.1%	100%
ECO102041	STY102620	54%	86.1%	86.1%
ECO102041	STY102604	55%	93.1%	93.1%
ECO102041	STY103062	56%	93.1%	93.1%
ECO102041	YPS002733	53%	72.2%	64.2%
ECO102051	CAC101149	25%	85.8%	82.8%
ECO102051	CDF103902	45%	90.2%	96.2%
ECO102051	EFA200471	27%	85.8%	83.3%
ECO102051	EFM202569	31%	96.0%	94.9%
ECO102051	ECO102051	100%	100%	100%
ECO102051	KPN302059	87%	88.7%	97.8%
ECO102051	LMO102456	41%	91.4%	48.0%
ECO102051	SPA103907	87%	74.5%	94.4%
ECO102051	STY100949	85%	98.9%	97.6%
ECO102051	STM101688	85%	98.9%	97.6%
ECO102051	SAU800247	44%	91.4%	98.6%
ECO102056	BFR10950	64%	95.5%	97.8%
ECO102056	CPN200470	62%	93.6%	100%
ECO102056	CTR200480	62%	93.6%	100%
ECO102056	EBC101305	96%	51.3%	100%
ECO102056	ECO102056	100%	100%	100%
ECO102056	KPN300375	94%	29.7%	100%
ECO102056	KPN300279	80%	54.0%	100%
ECO102056	KPN305930	95%	93.6%	100%
ECO102056	PRT102331	88%	93.6%	100%
ECO102056	SPA100768	93%	99.2%	99.2%
ECO102056	STY104185	96%	93.6%	100%
ECO102057	EBC100332	90%	65.2%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102057	EFM103335	21%	66.8%	84.8%
ECO102057	ECO102057	100%	100%	100%
ECO102057	KPN300480	37%	24.7%	77.1%
ECO102057	KPN304405	37%	94.4%	100%
ECO102057	PRT104586	34%	94.6%	94.7%
ECO102057	SPA101211	89%	43.5%	100%
ECO102057	STY104186	94%	100%	100%
ECO102057	STM103926	94%	100%	100%
ECO102060	BPT100571	27%	89.9%	75.3%
ECO102060	BCE114915	32%	91.9%	93.4%
ECO102060	BFU102711	33%	92.7%	94.3%
ECO102060	BMA106091	31%	91.9%	91.9%
ECO102060	EBC100259	85%	79.4%	100%
ECO102060	ECO102060	100%	100%	100%
ECO102060	LMO102040	29%	87.9%	90.6%
ECO102060	PAE203754	30%	99.6%	98.8%
ECO102060	SPA101208	92%	100%	100%
ECO102060	STY104189	92%	100%	100%
ECO102060	YPS002288	28%	90.7%	84.9%
ECO102061	ABA105449	35%	74.5%	81.0%
ECO102061	BAN100724	32%	64.4%	100%
ECO102061	BFR103764	40%	85.5%	85.3%
ECO102061	CAC101945	25%	70.9%	52.4%
ECO102061	CAC102333	27%	68%	55.1%
ECO102061	CAC103064	27%	68%	55.2%
ECO102061	CAC100916	27%	75.6%	57.3%
ECO102061	CDP101400	36%	78.2%	58.1%
ECO102061	EFA201783	27%	69.5%	59.4%
ECO102061	ECO102061	100%	100%	100%
ECO102061	MAV105422	23%	62.9%	39.5%
ECO102061	PSY107807	29%	66.9%	95.2%
ECO102061	SEP201350	21%	68.7%	68.0%
ECO102061	SHA102214	21%	68.7%	72.0%
ECO102061	SMU101599	24%	58.9%	77.5%
ECO102065	BAN105349	45%	11.3%	39.1%
ECO102065	BPT100515	25%	92.0%	72.4%
ECO102065	BBU100615	33%	22.6%	16.2%
ECO102065	BFU110329	38%	17.9%	15.1%
ECO102065	CAC103749	38%	12.4%	22.9%
ECO102065	CBO102313	46%	16.4%	11.0%
ECO102065	CDP101428	29%	42.0%	32.3%
ECO102065	EBC101349	63%	99.6%	99.6%
ECO102065	ECO102065	100%	100%	100%
ECO102065	HPY101411	41%	11.7%	41.7%
ECO102065	HPY101406	47%	14.6%	53.3%
ECO102065	KPN302399	60%	99.3%	100%
ECO102065	LPN100694	26%	37.6%	40.4%
ECO102065	MAV106643	38%	21.2%	44.1%
ECO102065	MTU411238	33%	14.2%	10.3%
ECO102065	MGE100151	48%	9.9%	10.3%
ECO102065	PPU110820	60%	7.3%	20.7%
ECO102065	PSY108075	60%	99.3%	99.3%
ECO102065	SPA103445	75%	55.5%	90.5%
ECO102065	STM100110	77%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102065	TPA100552	25%	77.4%	59.9%
ECO102065	YPS003304	22%	75.9%	58.8%
ECO102066	ABA104340	37%	26.2%	35.4%
ECO102066	BCE100985	27%	34.3%	47.2%
ECO102066	BFU111670	34%	28.5%	37.4%
ECO102066	BMA108444	33%	31.4%	42.9%
ECO102066	EBC101816	63%	65.1%	100%
ECO102066	ECO102066	100%	100%	100%
ECO102066	KPN304485	66%	61.6%	94.3%
ECO102066	PPU110423	30%	55.2%	88.5%
ECO102066	PSY105412	28%	54.7%	86.6%
ECO102066	SPA103081	78%	66.3%	99.1%
ECO102066	STY104192	80%	64.0%	100%
ECO102066	STM103938	80%	64.0%	100%
ECO102075	ECO102077	35%	98.9%	58.8%
ECO102075	ECO102075	100%	100%	100%
ECO102087	BAN109609	38%	68.3%	32.8%
ECO102087	BAN103939	42%	72.4%	34.6%
ECO102087	BCE113462	50%	88.5%	84.3%
ECO102087	BFU103320	40%	78.6%	89.4%
ECO102087	BMA101918	48%	88.5%	77.9%
ECO102087	CDP101960	25%	82.3%	88.4%
ECO102087	EBC101969	79%	100%	99.2%
ECO102087	EFA201197	37%	76.1%	36.2%
ECO102087	EFM100592	41%	79.8%	77.6%
ECO102087	ECO102087	100%	100%	100%
ECO102087	KPN300432	73%	54.7%	89.3%
ECO102087	KPN308952	75%	99.2%	98.4%
ECO102087	MAV103177	31%	78.6%	72.7%
ECO102087	PAE203887	41%	78.6%	88.2%
ECO102087	PPU103928	43%	78.6%	89.4%
ECO102087	PSY104886	42%	78.6%	89.4%
ECO102087	SPA101283	85%	100%	100%
ECO102087	STY104213	85%	100%	100%
ECO102087	SAU800723	42%	77.8%	36.9%
ECO102087	SEP200779	42%	75.7%	35.7%
ECO102087	SHA101684	42%	77.8%	52.2%
ECO102087	SMU100859	36%	77.0%	36.6%
ECO102087	SPN401675	36%	76.1%	36.2%
ECO102087	SPY200861	37%	79.8%	37.5%
ECO102087	YPS000242	62%	97.5%	85.3%
ECO102091	BFR12227	47%	95.4%	99.5%
ECO102091	BFR100173	47%	95.9%	96.7%
ECO102091	BCE106341	29%	92.2%	96.0%
ECO102091	BCE114157	28%	94.8%	93.2%
ECO102091	BMA104139	32%	35.6%	71.2%
ECO102091	CAC101425	27%	74.2%	87.2%
ECO102091	EBC100545	93%	75.0%	100%
ECO102091	EFA200665	38%	94.0%	97.9%
ECO102091	ECO102091	100%	100%	100%
ECO102091	KPN308152	91%	100%	100%
ECO102091	LMO100590	40%	95.0%	98.8%
ECO102091	MAV102142	27%	83.8%	86.2%
ECO102091	MBV102634	28%	83.8%	88.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102091	MTU200185	28%	83.8%	88.0%
ECO102091	PAE201725	62%	100%	100%
ECO102091	PPU103399	60%	99.2%	99.9%
ECO102091	PSY103958	60%	100%	100%
ECO102091	SPA101478	92%	53.6%	99.8%
ECO102091	STY104221	92%	100%	100%
ECO102091	YPS001925	37%	95.4%	97.4%
ECO102096	CAC100302	38%	96.4%	98.0%
ECO102096	EBC102712	82%	67.6%	99.4%
ECO102096	EFA200448	32%	96.0%	93.8%
ECO102096	EFM201601	32%	96.0%	93.9%
ECO102096	ECO102096	100%	100%	100%
ECO102096	LPN101451	31%	96.0%	97.7%
ECO102096	PRT104799	35%	96.0%	92.5%
ECO102096	PSY105439	34%	98.0%	95.9%
ECO102096	SPA101528	78%	99.2%	100%
ECO102096	STY104231	80%	99.2%	99.2%
ECO102104	ECO102104	100%	100%	100%
ECO102104	SPA103486	56%	100%	100%
ECO102104	STY104257	59%	100%	97.5%
ECO102104	STM104010	59%	100%	97.5%
ECO102113	BPT102072	52%	99.3%	98.6%
ECO102113	BCE108135	37%	15.5%	19.4%
ECO102113	BCE103599	51%	99.3%	99.3%
ECO102113	BFU100632	53%	99.6%	98.6%
ECO102113	EBC101993	82%	99.3%	99.3%
ECO102113	ECO102113	100%	100%	100%
ECO102113	KPN302658	82%	99.3%	99.3%
ECO102113	MCA100219	55%	99.3%	99.3%
ECO102113	MAV104224	25%	69.1%	66.3%
ECO102113	MBV105322	30%	37.8%	32.0%
ECO102113	MLP101567	29%	30.2%	26.7%
ECO102113	MTU200768	30%	37.8%	31.1%
ECO102113	PAE203626	63%	99.3%	97.9%
ECO102113	PPU112106	62%	95.7%	94.7%
ECO102113	PSY100252	60%	91.0%	98.8%
ECO102113	SPA102638	85%	99.3%	100%
ECO102113	STY104279	87%	99.3%	96.8%
ECO102113	STM104028	86%	86.7%	98.4%
ECO102113	SMU101450	57%	99.3%	97.9%
ECO102113	YPS002263	73%	99.3%	97.9%
ECO102129	BFU103431	27%	96.7%	89.5%
ECO102129	EBC101476	87%	45.0%	100%
ECO102129	ECO102129	100%	100%	100%
ECO102129	KPN300529	77%	41.5%	100%
ECO102129	KPN301280	81%	100%	100%
ECO102129	MCA100396	21%	37.2%	38.2%
ECO102129	PSY105004	22%	90.3%	93.6%
ECO102129	SPA101502	89%	97.5%	97.9%
ECO102129	STY104305	90%	100%	100%
ECO102129	STM104054	90%	100%	100%
ECO102129	SAU800673	26%	94.9%	94.1%
ECO102129	SEP200718	25%	94.9%	94.5%
ECO102129	SPN401865	29%	31.8%	20%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102129	SPY102942	31%	19.3%	12.8%
ECO102136	ABA100843	34%	91.1%	98.4%
ECO102136	BCE108968	37%	93.6%	93.3%
ECO102136	BFU100533	36%	96.0%	91.1%
ECO102136	BMA105246	36%	45.4%	89.2%
ECO102136	EBC102152	77%	98.7%	99.5%
ECO102136	ECO102136	100%	100%	100%
ECO102136	HPY101235	38%	96.9%	98.8%
ECO102136	KPN305265	76%	98.7%	99.5%
ECO102136	PAE202056	40%	95.2%	96.3%
ECO102136	PAE201809	42%	93.7%	92.4%
ECO102136	PPU101200	43%	91.4%	89.7%
ECO102136	PSY103874	40%	94.4%	93.2%
ECO102136	SPA102470	87%	95.7%	100%
ECO102136	STY104319	86%	99.2%	100%
ECO102136	STM100148	86%	99.2%	100%
ECO102136	VCH103315	53%	95.2%	94.8%
ECO102136	YPS000357	68%	97.4%	98.0%
ECO102141	ABA104746	48%	11.9%	92.2%
ECO102141	ABA101188	29%	99.5%	97.8%
ECO102141	BAN112388	27%	97.5%	97.0%
ECO102141	BAN108740	30%	97.5%	92.8%
ECO102141	BFR101333	28%	90.4%	90.8%
ECO102141	BFR106060	28%	98.5%	95.5%
ECO102141	BPT102363	33%	96.5%	96.5%
ECO102141	BCE105915	41%	39.1%	62%
ECO102141	BFU106774	36%	91.2%	87.0%
ECO102141	BMA106590	33%	99.0%	96.5%
ECO102141	CJU100035	28%	98.2%	97.5%
ECO102141	CDP101654	29%	82.1%	89.8%
ECO102141	EBC102913	87%	99.7%	100%
ECO102141	EFM201550	22%	90.4%	93.8%
ECO102141	ECO102141	100%	100%	100%
ECO102141	HIN101214	42%	96.5%	96.0%
ECO102141	KPN301781	84%	99.7%	100%
ECO102141	MCA101373	30%	91.7%	90.4%
ECO102141	NME201886	30%	90.7%	88.3%
ECO102141	PMU100004	42%	97.0%	97.0%
ECO102141	PRT101139	61%	94.7%	100%
ECO102141	PAE204133	36%	94.7%	93.3%
ECO102141	PPU108255	30%	96.5%	97.2%
ECO102141	PSY102166	31%	97.2%	96.7%
ECO102141	SPA100234	91%	53.8%	100%
ECO102141	STY104329	93%	100%	100%
ECO102141	SAU802355	29%	95.2%	93.5%
ECO102141	SEP200901	32%	97.0%	94.8%
ECO102141	SHA101965	29%	97.2%	95.8%
ECO102141	VCH101607	48%	95.7%	94.5%
ECO102141	YPS000345	68%	100%	99.2%
ECO102144	ABA100156	46%	98.9%	96.9%
ECO102144	BFR10466	30%	91.5%	41.8%
ECO102144	BPT100615	48%	94.7%	44.1%
ECO102144	BBU100785	27%	93.6%	40.7%
ECO102144	BCE100941	47%	90.4%	42.3%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102144	BFU104372	34%	53.2%	30.7%
ECO102144	BMA104337	47%	90.4%	40.9%
ECO102144	CTR200177	25%	88.3%	46.5%
ECO102144	CBO100877	32%	78.7%	40.6%
ECO102144	CDP100213	27%	95.7%	43.9%
ECO102144	EBC102919	79%	100%	100%
ECO102144	EFA200510	25%	95.7%	45.0%
ECO102144	EFM200879	23%	95.7%	45.3%
ECO102144	ECO102144	100%	100%	100%
ECO102144	HIN101596	63%	98.9%	97.9%
ECO102144	KPN301785	87%	100%	100%
ECO102144	LPN100134	45%	63.8%	92.4%
ECO102144	LMO100830	27%	95.7%	43.0%
ECO102144	MCA100395	46%	97.9%	42.2%
ECO102144	MAV105518	38%	94.7%	40.2%
ECO102144	MBV105580	36%	94.7%	40.9%
ECO102144	MLP100176	33%	94.7%	40.9%
ECO102144	MTU201004	36%	94.7%	40.9%
ECO102144	NGO101086	40%	95.7%	47.4%
ECO102144	NME201008	40%	95.7%	47.4%
ECO102144	PMU100639	61%	98.9%	98.9%
ECO102144	PRT101142	65%	100%	100%
ECO102144	PAE204668	38%	97.9%	45.6%
ECO102144	PPU104091	39%	97.9%	46.7%
ECO102144	PSY102433	43%	97.9%	45.8%
ECO102144	STY104335	91%	100%	100%
ECO102144	STM100156	91%	100%	100%
ECO102144	SAU800501	26%	97.9%	42.4%
ECO102144	SEP201834	26%	97.9%	42.0%
ECO102144	SHA100294	26%	97.9%	41.6%
ECO102144	TPA100368	29%	88.3%	42.3%
ECO102144	VCH101613	60%	93.6%	94.6%
ECO102144	YPS000333	69%	98.9%	98.9%
ECO102158	BAN113007	25%	37.3%	54.4%
ECO102158	BAN100196	25%	56.4%	51.9%
ECO102158	BFU101537	38%	58.2%	100%
ECO102158	CBO100009	24%	45.5%	43.4%
ECO102158	CDP100250	29%	73.2%	58.1%
ECO102158	ECO102158	100%	100%	100%
ECO102158	HIN101066	65%	99.5%	99.1%
ECO102158	KPN303268	72%	95.9%	96.3%
ECO102158	LPN103411	42%	98.6%	96.0%
ECO102158	MCA100276	38%	88.6%	87.1%
ECO102158	MAV103621	25%	95.5%	76.8%
ECO102158	MBV100934	26%	81.4%	65.9%
ECO102158	MLP100370	26%	96.8%	77.4%
ECO102158	MTU201436	26%	81.4%	65.9%
ECO102158	PMU100006	66%	99.5%	99.1%
ECO102158	PAE201475	55%	99.1%	97.8%
ECO102158	PPU100226	54%	99.1%	98.2%
ECO102158	PSY101789	54%	99.1%	97.8%
ECO102158	SPA105501	67%	65.5%	86.4%
ECO102158	STY105178	86%	98.6%	99.5%
ECO102158	STY104020	85%	99.5%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102158	VCH102024	67%	98.6%	97.7%
ECO102158	YPS002274	77%	99.5%	100%
ECO102174	EBC104807	80%	39.9%	97.0%
ECO102174	ECO102174	100%	100%	100%
ECO102174	KPN305315	72%	39.4%	96.7%
ECO102174	PRT100254	30%	99.0%	99.8%
ECO102174	SPA102837	83%	100%	100%
ECO102174	STY100497	84%	100%	100%
ECO102174	STM100221	84%	100%	100%
ECO102175	BPT101953	31%	94.0%	77.9%
ECO102175	BCE104891	29%	98.1%	94.2%
ECO102175	BCE110834	42%	93.1%	86.2%
ECO102175	BCE110631	42%	93.1%	84.1%
ECO102175	BFU103402	30%	98.1%	93.9%
ECO102175	BFU101073	42%	94.4%	84.8%
ECO102175	BMA107754	37%	93.5%	96.2%
ECO102175	EBC101339	97%	100%	100%
ECO102175	ECO102175	100%	100%	100%
ECO102175	KPN302345	96%	100%	100%
ECO102175	PRT100255	90%	97.2%	96.3%
ECO102175	PAE204077	38%	94.4%	94.9%
ECO102175	PSY104929	41%	96.3%	100%
ECO102175	SPA102836	99%	100%	100%
ECO102175	STY100502	98%	100%	100%
ECO102175	STM100225	99%	100%	100%
ECO102175	YPS000270	91%	100%	99.5%
ECO102177	BAN100878	33%	35.7%	100%
ECO102177	BAN110444	33%	54.1%	97.6%
ECO102177	BFR10050	26%	37.8%	65.1%
ECO102177	BFR10471	23%	65.8%	90.1%
ECO102177	BFR103847	23%	66.4%	91.5%
ECO102177	BFR104769	31%	34.4%	91.3%
ECO102177	BFR102132	23%	64.0%	92.0%
ECO102177	BPT100807	27%	66.6%	60.9%
ECO102177	BBU100763	26%	55.1%	88.0%
ECO102177	BCE110046	33%	39.0%	67.8%
ECO102177	BFU102307	27%	45.6%	95.3%
ECO102177	BFU104735	25%	57.1%	23.6%
ECO102177	BFU115698	25%	26.8%	5.9%
ECO102177	BFU102033	27%	26.8%	5.8%
ECO102177	BFU108758	27%	26.8%	5.8%
ECO102177	CJU100732	32%	35.7%	62.5%
ECO102177	CPN200162	25%	54.8%	85.3%
ECO102177	CTR200741	25%	56.7%	92.6%
ECO102177	ECO102177	100%	100%	100%
ECO102177	HPY100240	28%	36.0%	55.4%
ECO102177	LPN100223	28%	54.8%	91.0%
ECO102177	NGO101717	23%	67.4%	60.3%
ECO102177	NME200153	23%	67.1%	60.1%
ECO102177	PMU101380	24%	70.1%	51.9%
ECO102177	PRT101476	23%	91.4%	74.8%
ECO102177	PAE201097	29%	66.6%	92.5%
ECO102177	PPU101155	31%	54.9%	55.0%
ECO102177	PSY103867	31%	54.9%	54.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102177	SAU800019	22%	98.0%	98.2%
ECO102177	SHA101256	25%	72.4%	73.4%
ECO102177	VCH101497	32%	49.5%	42.8%
ECO102186	BFR105684	34%	28.3%	24.6%
ECO102186	BCE102555	24%	22.8%	61.0%
ECO102186	BFU113675	44%	99.0%	82.5%
ECO102186	ECO102186	100%	100%	100%
ECO102186	PAE204487	54%	98.2%	86.4%
ECO102192	ABA101391	28%	96.3%	94.3%
ECO102192	ABA103347	28%	97.8%	95.5%
ECO102192	BFR100918	27%	91.6%	82.2%
ECO102192	BPT102917	28%	85.3%	67.3%
ECO102192	BCE106131	30%	84.1%	64.7%
ECO102192	BFU106485	29%	85.3%	65.5%
ECO102192	BMA101166	30%	84.1%	62.2%
ECO102192	CJU100024	28%	98.4%	99.7%
ECO102192	CPN200856	29%	95.8%	72.5%
ECO102192	CTR200209	31%	89.8%	67.8%
ECO102192	CAC101459	26%	90.0%	93.5%
ECO102192	CBO100410	27%	95.7%	97.8%
ECO102192	EBC104912	92%	43.2%	100%
ECO102192	ECO102192	100%	100%	100%
ECO102192	HIN101624	83%	100%	96.8%
ECO102192	HPY100672	26%	98.7%	99.9%
ECO102192	KPN309027	93%	100%	100%
ECO102192	LPN101523	28%	97.9%	82.3%
ECO102192	MCA102664	76%	40.1%	100%
ECO102192	NGO100273	77%	98.2%	99.9%
ECO102192	NME201367	77%	99.6%	99.3%
ECO102192	PMU100717	80%	100%	100%
ECO102192	PRT101668	85%	100%	100%
ECO102192	PAE201155	29%	85.9%	68.6%
ECO102192	PPU108076	28%	85.9%	68.9%
ECO102192	PSY104529	27%	85.9%	68.0%
ECO102192	SPA100868	94%	41.4%	100%
ECO102192	STY100522	96%	100%	100%
ECO102192	STM100241	96%	100%	100%
ECO102192	VCH101237	80%	100%	100%
ECO102192	YPS000266	90%	100%	100%
ECO102193	ABA103998	24%	83.0%	85.8%
ECO102193	ABA101388	23%	85.4%	94.2%
ECO102193	BFR10832	23%	90.4%	90.3%
ECO102193	BPT102919	25%	76.6%	67.8%
ECO102193	BCE105994	26%	76.9%	67.2%
ECO102193	BFU106488	27%	76.9%	65.9%
ECO102193	BMA101937	26%	76.9%	67.2%
ECO102193	CJU100204	25%	94.9%	96.8%
ECO102193	CPN200855	24%	76.9%	77.7%
ECO102193	CTR200210	25%	76.9%	77.7%
ECO102193	CAC103499	23%	91.2%	91.9%
ECO102193	CBO100701	22%	96.3%	97.1%
ECO102193	EBC102449	95%	100%	100%
ECO102193	ECO102193	100%	100%	100%
ECO102193	HIN101625	85%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102193	HPY100360	24%	91.8%	92.4%
ECO102193	KPN302355	97%	100%	100%
ECO102193	LPN102663	24%	77.7%	74.7%
ECO102193	LMO101175	25%	92.3%	91.7%
ECO102193	MCA101601	70%	100%	100%
ECO102193	NGO100274	82%	100%	98.2%
ECO102193	NME201364	81%	100%	100%
ECO102193	PMU100719	84%	100%	100%
ECO102193	PRT105222	88%	100%	100%
ECO102193	PAE201154	25%	76.9%	65.3%
ECO102193	PPU108078	25%	76.9%	65.1%
ECO102193	PSY104507	24%	76.9%	65.3%
ECO102193	SPA102116	93%	57.7%	100%
ECO102193	STY100524	98%	100%	100%
ECO102193	STM100243	98%	100%	100%
ECO102193	VCH101236	81%	100%	96.9%
ECO102193	YPS000265	88%	100%	100%
ECO102201	BCE103326	26%	98.2%	89.6%
ECO102201	BMA108589	26%	98.2%	91.2%
ECO102201	EBC100985	84%	99.2%	100%
ECO102201	ECO102201	100%	100%	100%
ECO102201	HIN100664	58%	99.2%	93.7%
ECO102201	HPY100658	23%	99.7%	98.2%
ECO102201	KPN302356	81%	99.7%	99.7%
ECO102201	MBV102204	20%	87.9%	41.3%
ECO102201	MLP101488	20%	87.9%	37.3%
ECO102201	PMU101440	59%	99.2%	93.7%
ECO102201	PRT102600	71%	99.7%	99.5%
ECO102201	SPA103570	87%	99.0%	100%
ECO102201	STY100540	94%	99.7%	99.7%
ECO102201	STM100259	94%	99.7%	99.7%
ECO102201	VCH103469	59%	99.2%	95.9%
ECO102201	YPS001321	72%	99.5%	97.8%
ECO102210	ECO102210	100%	100%	100%
ECO102210	PPU107669	36%	59%	50.9%
ECO102210	PSY104950	33%	54%	60.2%
ECO102210	PSY106018	34%	56.5%	48.7%
ECO102210	SPA103571	67%	99%	99.0%
ECO102210	STY100562	67%	99%	99.0%
ECO102210	SMU101847	28%	36.5%	40.3%
ECO102213	BCE112594	47%	97.7%	98.9%
ECO102213	BFU101145	58%	42.7%	76.8%
ECO102213	BMA102261	45%	98.2%	100%
ECO102213	EBC107404	77%	100%	100%
ECO102213	ECO102213	100%	100%	100%
ECO102213	KPN300107	55%	13.9%	86.0%
ECO102213	KPN304792	77%	99.5%	99.4%
ECO102213	PRT100983	68%	98.6%	98.6%
ECO102213	PAE203552	69%	98.3%	97.9%
ECO102213	SPA103579	86%	50.9%	98.8%
ECO102213	STY100570	79%	100%	100%
ECO102213	STM100287	79%	100%	100%
ECO102213	YPS003031	71%	98.6%	97.6%
ECO102216	BMA101178	31%	35.6%	63.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102216	CBO102059	30%	50.9%	93.2%
ECO102216	EBC104300	50%	56.8%	97.7%
ECO102216	ECO102216	100%	100%	100%
ECO102216	KPN304764	51%	56.8%	100%
ECO102216	PRT101259	38%	53.2%	90.2%
ECO102216	PAE203556	36%	53.2%	83.2%
ECO102216	SPA100716	56%	97.3%	100%
ECO102216	STY100576	68%	55.0%	97.6%
ECO102216	STM100295	68%	55.0%	97.6%
ECO102216	SMU100452	30%	41.4%	44.9%
ECO102216	YPS003015	33%	55.9%	96.9%
ECO102227	ECO102227	100%	100%	100%
ECO102227	SPA103572	28%	88.8%	96.2%
ECO102227	STY100542	28%	83.6%	97.2%
ECO102227	STM100261	29%	83.6%	97.2%
ECO102229	BFR104644	31%	32.6%	34.1%
ECO102229	BCE105027	36%	27.7%	29.8%
ECO102229	BMA104789	29%	43.4%	32.8%
ECO102229	ECO102229	100%	100%	100%
ECO102229	LPN102350	25%	83.4%	62.5%
ECO102229	LPN102353	26%	62.5%	68.9%
ECO102229	VCH103533	31%	38.8%	25.1%
ECO102233	BPT103695	32%	20.5%	26.9%
ECO102233	ECO102233	100%	100%	100%
ECO102233	STY103757	27%	43.8%	18.7%
ECO102253	EBC103027	89%	100%	100%
ECO102253	ECO102253	100%	100%	100%
ECO102253	HIN101178	44%	93.4%	98.6%
ECO102253	KPN300467	95%	45.0%	100%
ECO102253	KPN301394	89%	100%	100%
ECO102253	PMU100703	47%	93.4%	98.6%
ECO102253	PRT104902	65%	100%	100%
ECO102253	SPA102050	95%	82.8%	100%
ECO102253	STY100981	94%	100%	100%
ECO102253	VCH101080	44%	95.4%	96.1%
ECO102253	YPS000483	70%	100%	100%
ECO102255	ABA104878	49%	99.3%	99.0%
ECO102255	BAN106141	33%	43.8%	99.7%
ECO102255	BAN102570	46%	43.8%	96.9%
ECO102255	BFR101415	47%	42.9%	93.2%
ECO102255	CJU100638	48%	45.4%	64.9%
ECO102255	CAC102832	45%	43.8%	96.4%
ECO102255	CDF100616	23%	44.1%	97.3%
ECO102255	CDF100432	25%	43.0%	94.1%
ECO102255	CDP101294	42%	59.5%	91.4%
ECO102255	EBC104962	90%	100%	100%
ECO102255	EFA202248	44%	42.7%	93.9%
ECO102255	EFM200028	39%	26.9%	93.7%
ECO102255	ECO102255	100%	100%	100%
ECO102255	HIN101176	69%	99.7%	100%
ECO102255	HPY200837	49%	31.8%	8.5%
ECO102255	KPN305976	96%	99.3%	99.9%
ECO102255	LMO100950	47%	43.1%	94.8%
ECO102255	MCA101508	63%	23.8%	1.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102255	MAV101929	37%	97.5%	96.7%
ECO102255	MBV102834	37%	99.3%	98.8%
ECO102255	MTU200407	37%	99.3%	98.8%
ECO102255	MPN100413	36%	44.1%	97.5%
ECO102255	NGO100804	67%	15.5%	11.2%
ECO102255	NME200777	67%	15.5%	11.2%
ECO102255	PMU100705	69%	99.7%	100%
ECO102255	PRT100628	82%	99.4%	100%
ECO102255	PAE200834	55%	99.0%	98.9%
ECO102255	PPU103956	49%	98.7%	100%
ECO102255	PSY102379	51%	97.6%	99.4%
ECO102255	SPA102048	88%	70.4%	93.3%
ECO102255	STY100983	96%	100%	99.9%
ECO102255	STM100723	96%	100%	99.9%
ECO102255	SAU800588	42%	43.0%	94.8%
ECO102255	SEP200137	44%	43.0%	94.8%
ECO102255	SHA101700	45%	43.0%	94.8%
ECO102255	SMU100210	45%	42.7%	92.7%
ECO102255	SPN401007	48%	43.1%	95.1%
ECO102255	SPY200858	44%	43.3%	94.0%
ECO102255	UUR100064	24%	35.4%	82.9%
ECO102255	VCH101078	74%	100%	99.9%
ECO102255	YPS000496	87%	99.7%	99.2%
ECO102259	ABA103937	50%	98.6%	100%
ECO102259	BPT100934	51%	93.9%	85.5%
ECO102259	BCE105657	29%	67.8%	71.4%
ECO102259	BFU101725	25%	86.9%	83.9%
ECO102259	EBC103024	70%	76.6%	100%
ECO102259	ECO102259	100%	100%	100%
ECO102259	KPN302840	71%	79.4%	100%
ECO102259	PAE204399	30%	85.0%	86.3%
ECO102259	PPU107709	26%	88.3%	92.9%
ECO102259	PSY103869	27%	85.5%	91.5%
ECO102259	SPA103767	80%	100%	100%
ECO102259	STY100992	81%	100%	100%
ECO102266	ABA105182	60%	98.7%	98.3%
ECO102266	BCE111438	62%	99.6%	99.1%
ECO102266	BFU115309	62%	99.6%	97.4%
ECO102266	BMA105998	61%	99.6%	99.1%
ECO102266	EBC103021	91%	100%	100%
ECO102266	ECO102266	100%	100%	100%
ECO102266	KPN302806	86%	100%	100%
ECO102266	MCA102171	40%	99.6%	95%
ECO102266	PAE202922	63%	98.2%	97.8%
ECO102266	PPU106919	51%	100%	100%
ECO102266	PSY100833	57%	98.7%	88.6%
ECO102266	SPA103776	91%	99.6%	100%
ECO102266	STY100997	91%	100%	100%
ECO102266	VCH101832	47%	96.5%	92.3%
ECO102266	YPS002431	77%	100%	100%
ECO102267	BCE106677	54%	99.6%	92.8%
ECO102267	BMA104068	55%	99.2%	78.7%
ECO102267	EBC103019	93%	100%	100%
ECO102267	ECO102267	100%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102267	KPN302841	90%	99.6%	99.6%
ECO102267	PAE202921	50%	97.7%	96.6%
ECO102267	SPA103777	98%	100%	100%
ECO102267	STY100998	97%	100%	100%
ECO102267	YPS002427	76%	99.6%	98.9%
ECO102274	ABA101266	56%	88.2%	89.3%
ECO102274	BAN103283	52%	85.2%	88.6%
ECO102274	BFR11899	25%	61.8%	34.0%
ECO102274	BFR11219	26%	61.2%	33.5%
ECO102274	BFR11611	29%	61.8%	34.2%
ECO102274	BPT100791	62%	91.8%	96.9%
ECO102274	BCE105100	71%	43.4%	97.1%
ECO102274	BFU114977	63%	92.8%	98.6%
ECO102274	BMA103750	63%	92.8%	98.6%
ECO102274	CJU100116	53%	82.6%	89.6%
ECO102274	CPN200705	52%	82.6%	81.5%
ECO102274	CTR200558	52%	82.6%	88.7%
ECO102274	CAC103552	51%	88.8%	93.7%
ECO102274	CDF101011	52%	85.9%	90.8%
ECO102274	CDP100046	34%	74.3%	44.1%
ECO102274	EBC101249	98%	82.9%	100%
ECO102274	EFA200246	45%	85.9%	89.2%
ECO102274	EFM200144	43%	86.2%	89.3%
ECO102274	ECO102274	100%	100%	100%
ECO102274	HIN101232	75%	93.1%	96.3%
ECO102274	HPY100934	49%	83.6%	87.9%
ECO102274	KPN302817	97%	100%	100%
ECO102274	LPN101645	69%	67.4%	93.6%
ECO102274	LMO101514	47%	90.5%	92.5%
ECO102274	MCA101005	62%	60.2%	97.3%
ECO102274	MAV105603	36%	82.2%	48.4%
ECO102274	MBV105423	39%	80.6%	48.3%
ECO102274	MLP100443	27%	61.2%	31.5%
ECO102274	MTU200895	39%	80.6%	48.3%
ECO102274	NGO100954	60%	91.1%	96.9%
ECO102274	NME200815	60%	91.1%	96.9%
ECO102274	PMU100636	75%	93.1%	94.1%
ECO102274	PRT103138	75%	29.6%	72.6%
ECO102274	PRT100424	81%	99.7%	96.6%
ECO102274	PAE203110	71%	88.8%	93.1%
ECO102274	PPU105860	67%	92.1%	93.6%
ECO102274	PSY101722	69%	93.4%	93.1%
ECO102274	SPA100127	63%	70.7%	100%
ECO102274	STY101011	98%	100%	100%
ECO102274	SAU801701	47%	86.8%	91.6%
ECO102274	SEP201705	46%	86.8%	91.6%
ECO102274	SHA100922	46%	86.8%	90.6%
ECO102274	SMU100531	44%	89.5%	91.7%
ECO102274	SPN400386	43%	86.2%	89.6%
ECO102274	SPY201343	45%	84.5%	87.8%
ECO102274	VCH100983	73%	100%	98.7%
ECO102274	YPS002401	86%	97.4%	98.0%
ECO102277	BAN105110	35%	68.2%	95.2%
ECO102277	BAN110285	34%	97.6%	97.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102277	BFR101725	35%	97.3%	98.2%
ECO102277	BPT104802	28%	33.8%	22.8%
ECO102277	CJU100951	33%	98.8%	98.8%
ECO102277	CPN200789	26%	70.6%	68.2%
ECO102277	CTR200632	23%	82.2%	79.6%
ECO102277	CAC102778	25%	32.0%	34.7%
ECO102277	CAC100810	20%	100%	100%
ECO102277	CBO102584	33%	97.6%	87.9%
ECO102277	CDF102483	33%	96.1%	96.4%
ECO102277	CDP101635	31%	96.7%	99.1%
ECO102277	EBC101246	88%	100%	100%
ECO102277	EFA200749	32%	98.2%	96.6%
ECO102277	EFM202572	32%	96.7%	96.1%
ECO102277	ECO102277	100%	100%	100%
ECO102277	HIN101399	31%	97.6%	97.8%
ECO102277	HPY101172	27%	96.1%	97.1%
ECO102277	KPN302836	88%	100%	100%
ECO102277	LPN102579	40%	99.7%	100%
ECO102277	LMO102054	32%	98.8%	98.8%
ECO102277	MAV103165	34%	97.3%	98.8%
ECO102277	MBV102870	32%	94.1%	99.7%
ECO102277	MLP101382	31%	98.8%	99.1%
ECO102277	MTU203654	32%	98.2%	99.4%
ECO102277	PMU100486	32%	99.1%	99.4%
ECO102277	PRT101099	59%	100%	100%
ECO102277	PAE203114	38%	99.7%	100%
ECO102277	PPU105849	39%	98.8%	99.1%
ECO102277	PSY101677	37%	90.8%	100%
ECO102277	SPA102819	88%	100%	100%
ECO102277	STY101017	89%	100%	100%
ECO102277	SAU801394	29%	97.0%	97.6%
ECO102277	SEP202102	29%	96.7%	97.3%
ECO102277	SHA100967	30%	96.7%	97.3%
ECO102277	SMU100090	28%	97.3%	95.0%
ECO102277	SPN400918	32%	97.3%	95.0%
ECO102277	VCH102075	47%	99.4%	99.4%
ECO102277	YPS002391	71%	100%	100%
ECO102278	ABA100261	41%	92.9%	97.5%
ECO102278	BFR105970	40%	93.9%	99.1%
ECO102278	EBC101245	88%	99.7%	99.7%
ECO102278	ECO102278	100%	100%	100%
ECO102278	KPN300235	87%	37.3%	96.6%
ECO102278	KPN302833	85%	100%	100%
ECO102278	LPN100171	32%	83.3%	100%
ECO102278	MCA101758	36%	92.3%	98.9%
ECO102278	PRT101100	69%	98.9%	99.7%
ECO102278	PAE201374	47%	93.7%	94.7%
ECO102278	PPU100882	45%	93.7%	94.5%
ECO102278	PSY104726	50%	93.7%	94.5%
ECO102278	SPA102820	85%	99.7%	100%
ECO102278	STY101019	89%	99.7%	99.7%
ECO102278	VCH102076	49%	97.9%	95.9%
ECO102278	YPS002383	72%	97.9%	98.7%
ECO102294	BCE109553	50%	55.2%	80.5%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102294	EBC101870	53%	93.2%	100%
ECO102294	ECO102294	100%	100%	100%
ECO102294	KPN300579	41%	88.4%	98.7%
ECO102294	PRT103789	43%	86%	86.6%
ECO102294	PRT105512	48%	96.4%	98.0%
ECO102294	PRT100542	51%	92.4%	93.7%
ECO102294	SPA103175	62%	95.2%	96%
ECO102294	STY103518	51%	93.6%	92.2%
ECO102294	STM103181	62%	95.2%	96%
ECO102294	YPS002774	43%	93.2%	97.1%
ECO102295	ECO102295	100%	100%	100%
ECO102299	BPT101732	31%	96.8%	96.0%
ECO102299	BCE107836	35%	84.3%	95.4%
ECO102299	BFU100376	38%	18.6%	73.4%
ECO102299	BFU101790	36%	97.3%	95.1%
ECO102299	BMA108007	33%	96.9%	98.6%
ECO102299	EBC103285	81%	96.9%	100%
ECO102299	ECO102299	100%	100%	100%
ECO102299	KPN302810	77%	98.9%	99.0%
ECO102299	LPN101186	32%	92.7%	95.1%
ECO102299	MAV106193	34%	94.7%	97.9%
ECO102299	MAV102403	34%	95.0%	97.5%
ECO102299	MBV101858	34%	94.4%	97.9%
ECO102299	MLP101294	33%	95.7%	98.3%
ECO102299	MTU200851	34%	95.7%	98.2%
ECO102299	PRT104299	59%	98.7%	100%
ECO102299	SPA101277	84%	96.1%	99.7%
ECO102299	STY101059	85%	99.7%	99.6%
ECO102299	VCH101028	56%	98.9%	97.7%
ECO102299	YPS002312	64%	98.7%	93.7%
ECO102300	ABA105679	38%	96.6%	80.7%
ECO102300	BFU113756	39%	96.6%	97.7%
ECO102300	EBC103287	93%	100%	98.6%
ECO102300	ECO102300	100%	100%	100%
ECO102300	KPN302809	88%	100%	99.1%
ECO102300	LPN103520	34%	97.0%	96.1%
ECO102300	MCA101138	38%	96.8%	99.1%
ECO102300	MAV102113	37%	98.6%	88.7%
ECO102300	MBV104788	38%	96.8%	97.0%
ECO102300	MLP101512	36%	96.8%	93.4%
ECO102300	MTU200242	38%	96.8%	97.0%
ECO102300	PRT104089	76%	97.2%	97.7%
ECO102300	PAE204781	37%	96.6%	98.6%
ECO102300	PPU105718	39%	97.5%	99.5%
ECO102300	PSY102192	39%	88.8%	97.7%
ECO102300	SPA101278	81%	100%	100%
ECO102300	STY101068	93%	100%	100%
ECO102300	SMU101700	25%	15.6%	28.8%
ECO102300	VCH101027	73%	98.2%	88.4%
ECO102300	YPS002308	80%	100%	100%
ECO102301	EBC103289	80%	98.0%	100%
ECO102301	ECO102301	100%	100%	100%
ECO102301	HIN100380	44%	90.2%	96.8%
ECO102301	KPN302808	85%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102301	PMU101070	50%	90.2%	85.2%
ECO102301	PRT106011	58%	92.2%	95.9%
ECO102301	SPA101279	90%	100%	100%
ECO102301	STY101071	93%	92.2%	100%
ECO102301	YPS002304	63%	92.2%	95.9%
ECO102302	ABA100283	20%	55.1%	57.5%
ECO102302	BFU113190	21%	85.3%	89.4%
ECO102302	EBC103291	75%	100%	100%
ECO102302	ECO102302	100%	100%	100%
ECO102302	HIN100381	39%	98.2%	99.3%
ECO102302	HPY100826	19%	78.3%	71.7%
ECO102302	KPN300868	76%	84.4%	100%
ECO102302	LPN103173	25%	94.0%	90.4%
ECO102302	MCA101962	22%	60.3%	49.4%
ECO102302	NGO101776	25%	46.0%	79.5%
ECO102302	NME200172	23%	93.8%	90.9%
ECO102302	PMU101069	45%	100%	97.1%
ECO102302	PRT101022	59%	99.6%	100%
ECO102302	PAE201287	25%	94.0%	93.2%
ECO102302	PPU104562	26%	98.9%	99.8%
ECO102302	PSY104544	27%	97.8%	97.9%
ECO102302	SPA103147	94%	44.4%	99.5%
ECO102302	STY101074	91%	100%	100%
ECO102302	STM100858	91%	100%	100%
ECO102302	SAU301338	26%	19.0%	47.1%
ECO102302	VCH103582	38%	97.8%	99.0%
ECO102302	YPS002300	63%	100%	100%
ECO102303	CAC101472	28%	40.3%	25.6%
ECO102303	CBO100325	26%	40.3%	82.5%
ECO102303	ECO102303	100%	100%	100%
ECO102303	SMU100480	27%	21.9%	54.9%
ECO102304	ABA100317	37%	77.3%	63.5%
ECO102304	BPT102103	35%	96.0%	91.3%
ECO102304	BCE101609	36%	94.8%	77.2%
ECO102304	BFU102908	37%	92.8%	65.7%
ECO102304	BMA105727	38%	89.6%	70.2%
ECO102304	CJU101295	32%	77.3%	82.8%
ECO102304	EBC103292	88%	100%	100%
ECO102304	ECO102304	100%	100%	100%
ECO102304	HIN100697	41%	98.8%	98.8%
ECO102304	KPN300867	88%	100%	100%
ECO102304	NGO101284	32%	84.1%	76.2%
ECO102304	NME200455	32%	82.1%	73.8%
ECO102304	PMU101501	48%	98.0%	98.0%
ECO102304	PRT104688	67%	99.2%	94.3%
ECO102304	PAE202798	33%	91.2%	92.3%
ECO102304	PPU109914	33%	90.8%	94.5%
ECO102304	PSY102933	33%	82.5%	86.7%
ECO102304	SPA103149	93%	84.9%	100%
ECO102304	STY101077	94%	100%	100%
ECO102304	VCH102018	46%	88.4%	87.4%
ECO102304	YPS002296	75%	99.6%	99.2%
ECO102306	EBC101290	42%	69.1%	96.0%
ECO102306	EBC103212	47%	98.7%	95.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102306	ECO102306	100%	100%	100%
ECO102306	PRT104903	47%	98.7%	95.5%
ECO102306	PSY100759	35%	97.4%	94.5%
ECO102306	PSY104073	36%	97.9%	98.0%
ECO102306	SPN202986	22%	86.0%	93.9%
ECO102306	SPN201140	23%	86.0%	93.6%
ECO102306	YPS002735	47%	97.9%	96.2%
ECO102309	BAN101643	28%	27.5%	13.0%
ECO102309	BAN102231	28%	27.5%	35.8%
ECO102309	BFR101716	23%	17.4%	20.3%
ECO102309	BBU100071	22%	71.6%	71.0%
ECO102309	CAC100251	24%	95.9%	93.6%
ECO102309	CBO100594	28%	19.6%	44.6%
ECO102309	ECO102309	100%	100%	100%
ECO102309	SPA107090	21%	32.3%	35.9%
ECO102309	STY105066	21%	32.3%	35.9%
ECO102309	SAU802647	29%	12.4%	12.2%
ECO102309	SPN202910	24%	33.4%	40.1%
ECO102310	ECO101129	93%	83.3%	47.5%
ECO102310	ECO102310	100%	100%	100%
ECO102310	STY100513	59%	79.8%	44.4%
ECO102310	STY102589	85%	90.4%	49.7%
ECO102324	CDF100186	28%	77.5%	84.5%
ECO102324	EFM101276	25%	78.5%	99.5%
ECO102324	ECO102324	100%	100%	100%
ECO102324	MLP100958	25%	80.7%	78.5%
ECO102324	MTU203196	26%	80.3%	39.4%
ECO102324	MTU203674	27%	82.4%	40.3%
ECO102324	SAU802352	27%	95.9%	75.9%
ECO102324	SEP200058	26%	94.3%	72.9%
ECO102324	SMU101282	28%	79.3%	86.9%
ECO102324	SMU101105	26%	78.7%	71.1%
ECO102325	BAN112247	28%	28.4%	49.1%
ECO102325	BAN106780	34%	28.4%	50.2%
ECO102325	BBU100140	23%	24.8%	29.6%
ECO102325	ECO102325	100%	100%	100%
ECO102325	KPN105518	45%	33.9%	97.0%
ECO102325	SAU802353	31%	9.0%	35.3%
ECO102325	SEP200059	30%	29.2%	51.6%
ECO102325	SHA101967	32%	28.4%	50.2%
ECO102325	VCH101389	39%	87.9%	92.9%
ECO102327	BAN105225	32%	31.9%	98.1%
ECO102327	BFR103042	23%	10.5%	45.1%
ECO102327	BFR101189	21%	12.6%	23.2%
ECO102327	BFR105724	27%	9.4%	22.0%
ECO102327	BFR100047	23%	16.2%	95.5%
ECO102327	BFR104792	38%	8.3%	27.0%
ECO102327	BFR106019	34%	9.3%	84.8%
ECO102327	BFR104322	32%	9.4%	87.5%
ECO102327	BFR10160	24%	22.6%	88.4%
ECO102327	BFR11362	30%	14.6%	56.4%
ECO102327	BFR101143	34%	12.3%	61.1%
ECO102327	BFR100846	26%	21.6%	37.9%
ECO102327	BFR101230	28%	20.8%	36.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102327	BFR101426	28%	20.8%	47.7%
ECO102327	BFR100955	30%	19.5%	99.1%
ECO102327	BFR104184	26%	29.7%	27.9%
ECO102327	BFR102180	24%	26.3%	90.7%
ECO102327	BFR101650	31%	20.8%	29.7%
ECO102327	BFR105953	32%	19.5%	30.9%
ECO102327	BFR101152	25%	33.1%	31.4%
ECO102327	BFR10010	30%	20.0%	95.1%
ECO102327	BFR100177	28%	20.4%	38.3%
ECO102327	BFR10421	30%	21.0%	63.9%
ECO102327	BFR105397	27%	33.9%	50.4%
ECO102327	BFR100838	25%	30.8%	29.0%
ECO102327	BFR100736	32%	20.7%	61.7%
ECO102327	BFR101753	33%	21.3%	26.4%
ECO102327	BFR11164	36%	19.7%	42.2%
ECO102327	BFR11210	25%	39.3%	90.7%
ECO102327	BFR12194	26%	31.2%	61.9%
ECO102327	BFR100523	33%	20.9%	28.0%
ECO102327	BFR100487	27%	35.1%	32.1%
ECO102327	BFR102042	29%	32.4%	46.3%
ECO102327	BFR100456	32%	30.6%	56.0%
ECO102327	BFR104593	28%	39.4%	60.0%
ECO102327	BFR11399	32%	32.2%	45.8%
ECO102327	BFR101340	30%	32.6%	37.6%
ECO102327	BFR102465	33%	30.9%	97.9%
ECO102327	BPT101258	28%	98.7%	97.7%
ECO102327	BCE113373	26%	21.2%	85.6%
ECO102327	BCE110418	33%	33.3%	89.7%
ECO102327	BFU107834	32%	32.7%	36.0%
ECO102327	BMA108695	31%	29.7%	48.3%
ECO102327	CDF101251	22%	57.6%	98.8%
ECO102327	ECO102327	100%	100%	100%
ECO102327	KPN301629	48%	8.5%	1.2%
ECO102327	PAE203042	33%	51.6%	84.3%
ECO102327	PAE203943	28%	97.0%	97.3%
ECO102327	PPU101764	28%	95.8%	95.2%
ECO102327	PSY105580	34%	38.9%	99.4%
ECO102327	VCH101626	23%	92.5%	98.3%
ECO102335	ABA103657	35%	83.5%	98.2%
ECO102335	ABA100510	33%	91.5%	96.5%
ECO102335	EBC101559	83%	93.6%	86.0%
ECO102335	ECO102335	100%	100%	100%
ECO102335	HPY100276	23%	76.2%	79.3%
ECO102335	KPN300200	71%	46.0%	100%
ECO102335	KPN308311	70%	91.8%	99.3%
ECO102335	MCA102793	31%	88.7%	86.7%
ECO102335	NME103365	28%	79.3%	88.8%
ECO102335	SPA103016	87%	99.7%	100%
ECO102335	STY101117	91%	93.3%	100%
ECO102335	STM100888	90%	93.3%	100%
ECO102335	YPS003046	67%	91.5%	98.4%
ECO102336	ABA101400	26%	91.7%	93.4%
ECO102336	BAN111058	36%	81.3%	89.0%
ECO102336	BAN110656	38%	86.4%	90.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102336	BFR105861	34%	87.6%	98.9%
ECO102336	BPT101343	79%	95.4%	99.5%
ECO102336	BCE112311	29%	93.0%	96.0%
ECO102336	BMA108485	28%	93.9%	92.8%
ECO102336	CJU100139	53%	93.4%	98%
ECO102336	CPN200256	24%	89.8%	93.2%
ECO102336	CTR200659	26%	84.0%	87.8%
ECO102336	CAC101393	31%	91.3%	96.6%
ECO102336	CBO103831	28%	86.7%	90.0%
ECO102336	CDP100538	27%	86.4%	92.6%
ECO102336	EBC101560	94%	71.4%	98.7%
ECO102336	EFA100818	30%	86.2%	89.8%
ECO102336	EFM201340	30%	86.2%	90.5%
ECO102336	ECO102336	100%	100%	100%
ECO102336	KPN301772	96%	98.1%	100%
ECO102336	LPN101493	64%	95.6%	99.2%
ECO102336	LMO101321	37%	93.7%	97.5%
ECO102336	MBV101440	30%	90.3%	97.5%
ECO102336	MLP100918	31%	90.3%	96.2%
ECO102336	MTU201162	30%	90.3%	97.5%
ECO102336	NGO101128	26%	93.4%	99.5%
ECO102336	NME201026	26%	93.4%	99.5%
ECO102336	PAE204711	90%	98.3%	98.5%
ECO102336	PPU109673	89%	96.8%	99.3%
ECO102336	PSY103563	88%	97.1%	99.5%
ECO102336	SPA103017	94%	100%	100%
ECO102336	STY101128	95%	100%	100%
ECO102336	SAU802560	32%	84.7%	89.6%
ECO102336	SEP201196	32%	84.7%	89.1%
ECO102336	SHA101775	31%	86.4%	90.9%
ECO102336	SMU101230	29%	86.2%	90.3%
ECO102336	SPN400035	30%	86.9%	91.5%
ECO102336	SPY200468	26%	89.3%	93.2%
ECO102336	YPS000566	87%	99.8%	100%
ECO102340	ECO102340	100%	100%	100%
ECO102340	PAE203757	32%	79.2%	76.8%
ECO102346	BAN100855	23%	90.2%	92.9%
ECO102346	CDP100903	24%	38.5%	56.9%
ECO102346	EBC100292	78%	57.2%	100%
ECO102346	ECO102346	100%	100%	100%
ECO102346	KPN301764	77%	97.6%	99.3%
ECO102346	LMO102180	20%	78.9%	82.4%
ECO102346	MLP101425	23%	36.6%	50.5%
ECO102346	PPU103355	25%	30.9%	28.2%
ECO102346	SPA100138	79%	56.7%	96.7%
ECO102346	STY101134	80%	97.6%	99.3%
ECO102346	STM100894	80%	97.6%	99.3%
ECO102351	ECO100572	100%	99.5%	100%
ECO102351	ECO100016	100%	99.5%	100%
ECO102351	ECO102351	100%	100%	100%
ECO102351	KPN301837	28%	24.5%	33.5%
ECO102351	KPN301756	28%	24.5%	25.9%
ECO102351	PPU112458	31%	21.5%	17.3%
ECO102351	PPU110183	31%	21.5%	18.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102351	PPU100534	31%	21.5%	17.3%
ECO102351	PPU111918	31%	21.5%	17.3%
ECO102351	PPU111424	31%	21.5%	17.3%
ECO102351	PPU109580	31%	21.5%	17.3%
ECO102351	STY100108	28%	24.5%	25.9%
ECO102355	ABA100922	34%	98.5%	97.5%
ECO102355	BAN110804	31%	97.7%	98.6%
ECO102355	BAN108869	35%	97.7%	99.2%
ECO102355	BFR102616	29%	94.3%	99.6%
ECO102355	BPT102905	52%	96.6%	92.7%
ECO102355	BBU100371	34%	99.4%	100%
ECO102355	BCE100150	61%	57.3%	98.6%
ECO102355	BFU100071	49%	95.1%	98.5%
ECO102355	BMA103736	49%	97.5%	98.9%
ECO102355	CJU101212	43%	97.7%	98.3%
ECO102355	CPN200187	32%	96.6%	92.3%
ECO102355	CTR200720	30%	98.1%	93.5%
ECO102355	CAC101596	36%	97.9%	98.4%
ECO102355	CBO103047	38%	97.9%	97.1%
ECO102355	CDF100252	36%	97.0%	98.4%
ECO102355	CDP100231	32%	96.6%	96.0%
ECO102355	EBC100212	90%	98.5%	100%
ECO102355	EFA200192	38%	97.7%	98.4%
ECO102355	EFM202131	38%	97.9%	99.6%
ECO102355	ECO102355	100%	100%	100%
ECO102355	HIN100261	72%	98.5%	96.5%
ECO102355	HPY100472	42%	97.5%	98.9%
ECO102355	KPN300278	93%	47.8%	100%
ECO102355	LPN103492	59%	99.2%	99.1%
ECO102355	LMO101411	37%	97.0%	97.8%
ECO102355	MCA102322	33%	98.1%	96.1%
ECO102355	MAV101415	33%	93.4%	97.7%
ECO102355	MBV101327	34%	97.2%	100%
ECO102355	MLP101032	34%	97.5%	96.0%
ECO102355	MTU202954	34%	98.1%	98.2%
ECO102355	MGE100471	32%	97.9%	98.6%
ECO102355	MPN100164	34%	95.8%	96.5%
ECO102355	NGO100018	46%	97.0%	99.6%
ECO102355	NME200234	48%	97.0%	99.6%
ECO102355	PMU101115	73%	98.5%	96.5%
ECO102355	PRT100735	85%	99.6%	99.4%
ECO102355	PAE203132	37%	98.1%	95.3%
ECO102355	PPU101878	35%	99.6%	97.6%
ECO102355	PSY105734	36%	99.6%	97.6%
ECO102355	SPA103535	84%	100%	100%
ECO102355	STY101161	95%	92.6%	92.0%
ECO102355	SAU800528	37%	97.2%	99.0%
ECO102355	SEP201872	38%	96.8%	98.6%
ECO102355	SHA101478	36%	93.8%	99.6%
ECO102355	SMU100660	37%	97.9%	98.8%
ECO102355	SPN401878	38%	98.5%	99.2%
ECO102355	SPY200174	37%	97.5%	99.2%
ECO102355	TPA100665	34%	97.9%	97.4%
ECO102355	UUR100606	32%	98.5%	99.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102355	VCH102180	69%	99.4%	92.5%
ECO102355	YPS000590	84%	100%	100%
ECO102363	ABA103642	25%	41.8%	40.3%
ECO102363	BAN108766	23%	45.4%	55.4%
ECO102363	BCE101681	29%	35.7%	76.4%
ECO102363	BCE111898	32%	30.2%	68.3%
ECO102363	EBC101051	87%	47.6%	100%
ECO102363	ECO102363	100%	100%	100%
ECO102363	HIN101075	28%	95.4%	98.5%
ECO102363	KPN301039	65%	81.1%	100%
ECO102363	MBV104175	29%	31.4%	5.3%
ECO102363	MBV100194	34%	23.2%	27.8%
ECO102363	MTU300292	33%	34.8%	23.7%
ECO102363	MPN100388	27%	49.4%	66.8%
ECO102363	PMU101695	30%	97.0%	99.7%
ECO102363	PRT102268	41%	99.1%	99.1%
ECO102363	PAE201527	37%	50%	57.4%
ECO102363	PPU105011	27%	97.0%	95.3%
ECO102363	PSY103901	36%	45.7%	52.1%
ECO102363	SPA103530	80%	100%	100%
ECO102363	STY101188	80%	100%	100%
ECO102363	TPA100365	33%	36.0%	20.7%
ECO102363	VCH100954	39%	98.5%	97.9%
ECO102363	YPS000610	53%	99.7%	99.1%
ECO102403	CJU100562	20%	70.3%	61.7%
ECO102403	CDF102160	47%	95.8%	94.9%
ECO102403	CDF104311	53%	96.6%	97.0%
ECO102403	EFA201797	54%	95.8%	96.4%
ECO102403	ECO102403	100%	100%	100%
ECO102403	KPN306809	88%	52.0%	100%
ECO102403	LMO101643	55%	95.8%	94.6%
ECO102403	NME201309	27%	30.6%	27.8%
ECO102403	PAE201490	30%	97.3%	95.1%
ECO102403	SPA100275	83%	100%	100%
ECO102403	STY101540	96%	100%	100%
ECO102403	SMU102926	24%	21.3%	27.3%
ECO102415	ABA100008	42%	55.1%	100%
ECO102415	ABA100811	51%	97.8%	94.8%
ECO102415	CPN200680	48%	97.5%	94.2%
ECO102415	CTR200579	50%	97.5%	94.8%
ECO102415	CDP100260	36%	30.4%	24.7%
ECO102415	EBC103692	84%	100%	100%
ECO102415	ECO102415	100%	100%	100%
ECO102415	HPY201384	24%	88.0%	88.9%
ECO102415	KPN304355	85%	100%	99.4%
ECO102415	MAV101559	35%	43.7%	63.8%
ECO102415	MBV100249	34%	43.7%	36.5%
ECO102415	MLP100365	35%	43.7%	36.3%
ECO102415	MTU201429	34%	43.7%	36.5%
ECO102415	NGO100798	31%	47.2%	41.9%
ECO102415	NME300318	34%	47.2%	41.9%
ECO102415	SPA100353	82%	49.4%	92.3%
ECO102415	STY101570	89%	100%	100%
ECO102415	STM101333	89%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102420	BAN105583	28%	36.6%	52.9%
ECO102420	BAN102074	28%	36.6%	52.7%
ECO102420	CDF103262	24%	34.8%	47.0%
ECO102420	EBC100809	63%	51.8%	88.8%
ECO102420	ECO102420	100%	100%	100%
ECO102420	HIN100254	38%	97.9%	98.9%
ECO102420	MAV102966	31%	35.9%	23.8%
ECO102420	NGO100196	27%	94.5%	95.6%
ECO102420	NME201296	28%	95.4%	96.4%
ECO102420	PMU101591	41%	97.9%	98.6%
ECO102420	PPU111874	33%	33.7%	81.1%
ECO102420	SPA100988	86%	82.7%	100%
ECO102420	STY101591	87%	99.8%	99.8%
ECO102420	STM101354	88%	99.5%	99.5%
ECO102420	VCH103397	42%	98.4%	96.6%
ECO102425	EBC102366	59%	98.5%	98.9%
ECO102425	ECO102425	100%	100%	100%
ECO102425	HIN101226	37%	43.7%	84.1%
ECO102425	KPN306928	63%	99.4%	99.9%
ECO102425	PMU101043	39%	87.0%	90.5%
ECO102425	PRT102552	44%	97.2%	100%
ECO102425	SPA100012	67%	8.6%	100%
ECO102425	SPA102785	67%	94.3%	100%
ECO102425	STY101609	71%	98.7%	98.5%
ECO102425	VCH103825	31%	69.0%	66.2%
ECO102425	YPS000834	51%	95.8%	94.4%
ECO102432	ABA100511	31%	32.1%	65.4%
ECO102432	CAC100970	32%	32.6%	11.1%
ECO102432	ECO102432	100%	100%	100%
ECO102432	MCA100789	33%	24.8%	50.5%
ECO102432	PRT105668	54%	94.0%	100%
ECO102432	PSY106056	28%	34.9%	78.5%
ECO102454	BFR101754	22%	27.2%	58.1%
ECO102454	BBU100362	26%	48.2%	53.1%
ECO102454	EBC102725	68%	68.0%	98.8%
ECO102454	EFM201772	25%	18.1%	20.3%
ECO102454	ECO102454	100%	100%	100%
ECO102454	KPN305737	63%	47.9%	99.2%
ECO102454	SPA103104	72%	98.1%	100%
ECO102454	STY101669	72%	98.1%	99.5%
ECO102454	SMU100183	23%	34.9%	32.4%
ECO102462	ABA100688	52%	97.0%	98.5%
ECO102462	BAN111369	34%	90.1%	98.2%
ECO102462	BAN112079	40%	90.1%	97.9%
ECO102462	BFR10077	37%	23.5%	71.0%
ECO102462	BPT100007	51%	93.2%	99.8%
ECO102462	BBU100507	31%	71.6%	34.4%
ECO102462	BCE100856	49%	92.8%	98.4%
ECO102462	BFU105505	51%	92.8%	99.8%
ECO102462	BMA102074	51%	92.8%	99.8%
ECO102462	CJU100354	32%	89.7%	96.5%
ECO102462	CPN201006	32%	72.6%	32.0%
ECO102462	CTR200076	33%	72.8%	32.0%
ECO102462	CAC100098	40%	91.5%	99.3%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102462	CBO101866	39%	90.9%	98.4%
ECO102462	CDF102465	36%	90.9%	98.0%
ECO102462	CDP101065	34%	90.9%	78.2%
ECO102462	EBC102035	92%	97.4%	100%
ECO102462	EFA201884	38%	90.1%	97.9%
ECO102462	ECO102462	100%	100%	100%
ECO102462	HIN100129	70%	97.0%	99.2%
ECO102462	HPY100821	31%	93.6%	99.8%
ECO102462	KPN305977	91%	97.4%	100%
ECO102462	LPN101429	55%	97.4%	100%
ECO102462	LMO102523	41%	90.1%	97.9%
ECO102462	MCA101523	54%	30.4%	71.6%
ECO102462	MAV102019	35%	92.6%	93.8%
ECO102462	MBV105348	35%	92.6%	94.4%
ECO102462	MLP100852	34%	73.4%	34.4%
ECO102462	MTU201691	35%	92.6%	94.4%
ECO102462	MGE100337	34%	90.3%	96.7%
ECO102462	MPN100366	34%	15.5%	43.5%
ECO102462	NGO101003	48%	97.4%	95.3%
ECO102462	NME200978	48%	97.4%	95.3%
ECO102462	PMU100105	69%	97.0%	99.2%
ECO102462	PRT102921	79%	97.4%	100%
ECO102462	PAE203796	59%	97.0%	98.0%
ECO102462	PPU112339	60%	97.0%	98.2%
ECO102462	PSY106808	64%	65.6%	85.2%
ECO102462	PSY103809	59%	97.0%	97.4%
ECO102462	SPA102739	95%	99.8%	100%
ECO102462	STY101715	97%	97.4%	100%
ECO102462	SAU801475	42%	90.1%	97.9%
ECO102462	SEP200461	42%	90.1%	97.9%
ECO102462	SHA101409	42%	90.1%	97.9%
ECO102462	SMU101355	36%	90.3%	98.2%
ECO102462	SPN401552	37%	90.3%	98.2%
ECO102462	SPY200248	37%	90.5%	98.4%
ECO102462	TPA100681	28%	91.3%	95%
ECO102462	UUR100386	34%	90.5%	97.5%
ECO102462	VCH100750	72%	97.4%	99.8%
ECO102462	YPS003216	81%	97.4%	100%
ECO102463	ABA100690	26%	97.2%	96.6%
ECO102463	BAN100167	18%	43.9%	32.2%
ECO102463	BFR105944	23%	87.8%	41.9%
ECO102463	BFR11585	21%	90.1%	26.6%
ECO102463	BPT100009	28%	98.2%	95.8%
ECO102463	BCE109201	32%	95.9%	94.8%
ECO102463	BFU112086	31%	96.2%	95.0%
ECO102463	BMA102173	30%	90.3%	90.6%
ECO102463	CBO103865	22%	51.8%	33.7%
ECO102463	EBC102802	87%	99.5%	76.5%
ECO102463	ECO102463	100%	100%	100%
ECO102463	KPN305713	89%	100%	100%
ECO102463	LPN101809	30%	91.1%	95.1%
ECO102463	MCA101522	28%	64.0%	79.3%
ECO102463	MLP101057	28%	43.6%	45.6%
ECO102463	MTU409282	42%	13.0%	29.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102463	PRT102922	63%	100%	100%
ECO102463	PAE203797	31%	97.2%	97.4%
ECO102463	PPU103985	30%	97.2%	97.1%
ECO102463	PSY107526	28%	39.3%	98.6%
ECO102463	PSY103806	29%	87.8%	94.1%
ECO102463	SPA102740	91%	100%	100%
ECO102463	STY101717	91%	100%	100%
ECO102463	SMU100069	23%	33.7%	20.8%
ECO102463	VCH100749	45%	98.5%	97.2%
ECO102463	YPS003220	76%	100%	100%
ECO102466	ABA100666	44%	23.7%	94.6%
ECO102466	ABA101467	63%	97.3%	97.6%
ECO102466	BAN111145	46%	84.9%	86.1%
ECO102466	BAN100549	47%	97.8%	98.4%
ECO102466	BFR11690	37%	89.8%	90.2%
ECO102466	BPT100015	31%	93.0%	93.1%
ECO102466	BCE101925	31%	82.0%	75.5%
ECO102466	BFU107038	34%	88.7%	85.8%
ECO102466	BMA104846	35%	88.7%	90.4%
ECO102466	CJU100636	41%	92.7%	96.1%
ECO102466	CPN200377	38%	86.8%	91.5%
ECO102466	CTR200322	40%	84.4%	91.3%
ECO102466	CAC102226	48%	93.0%	99.1%
ECO102466	CBO102775	47%	91.9%	98.0%
ECO102466	CDF100537	49%	91.7%	97.2%
ECO102466	CDP101104	44%	97.0%	91.6%
ECO102466	EBC102799	96%	100%	100%
ECO102466	ECO102466	100%	100%	100%
ECO102466	HIN100347	88%	97.3%	98.6%
ECO102466	HPY100617	45%	95.2%	98.1%
ECO102466	KPN305822	99%	99.7%	99.5%
ECO102466	LMO102690	49%	97.0%	98.1%
ECO102466	MCA101518	59%	99.5%	99.2%
ECO102466	MAV106393	42%	94.6%	92.4%
ECO102466	MBV102284	43%	94.9%	92.9%
ECO102466	MLP100964	45%	87.4%	83.2%
ECO102466	MTU202830	43%	94.9%	91.5%
ECO102466	NGO100207	33%	92.5%	92.6%
ECO102466	NME201384	33%	92.5%	92.6%
ECO102466	PMU102010	88%	96.5%	98.1%
ECO102466	PRT106101	87%	100%	100%
ECO102466	PAE203800	73%	97.3%	97.3%
ECO102466	PPU101373	71%	97.3%	97.8%
ECO102466	PSY103798	71%	96.2%	96.7%
ECO102466	SPA101922	97%	100%	100%
ECO102466	STY101723	98%	100%	100%
ECO102466	TPA100442	38%	90.6%	86.4%
ECO102466	VCH100746	85%	100%	99.2%
ECO102466	YPS003233	86%	99.7%	99.2%
ECO102467	ABA105298	28%	10.1%	24.3%
ECO102467	BAN102965	21%	47.2%	61.1%
ECO102467	BAN100109	21%	47.2%	56.4%
ECO102467	BPT104503	23%	35.9%	77.4%
ECO102467	BCE107711	25%	93.2%	91.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102467	BFU107885	26%	93.2%	88.6%
ECO102467	BMA105226	25%	93.2%	91.1%
ECO102467	CDP101012	31%	28.5%	24.0%
ECO102467	EBC102798	79%	100%	100%
ECO102467	EFA201529	22%	82.5%	98.6%
ECO102467	ECO102467	100%	100%	100%
ECO102467	HIN100346	24%	89.3%	92.1%
ECO102467	KPN304056	77%	100%	100%
ECO102467	LPN100742	28%	53.4%	96.8%
ECO102467	LMO100900	20%	94.7%	97.1%
ECO102467	MBV100599	34%	29.1%	33.1%
ECO102467	MTU202164	34%	29.1%	33.1%
ECO102467	PMU102009	26%	93.5%	95.9%
ECO102467	PRT105472	43%	97.6%	99.1%
ECO102467	PAE203801	29%	92.6%	93.7%
ECO102467	PPU101372	30%	93.2%	94.6%
ECO102467	PSY103796	36%	16.3%	94.7%
ECO102467	SPA101923	82%	100%	100%
ECO102467	STY101725	81%	100%	100%
ECO102467	SAU501460	26%	23.7%	61.5%
ECO102467	SEP201584	26%	33.8%	90.8%
ECO102467	SMU100616	26%	43.0%	17.2%
ECO102467	SPN402025	21%	47.2%	58.3%
ECO102467	VCH100745	35%	97.0%	88.8%
ECO102467	YPS003236	57%	98.5%	100%
ECO102470	BFR106150	31%	84.4%	100%
ECO102470	BPT101227	45%	96.8%	95.7%
ECO102470	BCE114473	36%	54.0%	97.5%
ECO102470	BMA100851	31%	67.4%	76.4%
ECO102470	EBC102795	83%	58.6%	100%
ECO102470	ECO102470	100%	100%	100%
ECO102470	KPN300051	52%	7.4%	100%
ECO102470	KPN308496	76%	98.7%	98.7%
ECO102470	LPN103343	29%	94.5%	94.7%
ECO102470	PMU100644	28%	98.1%	97.8%
ECO102470	PRT102900	60%	98.2%	97.9%
ECO102470	PPU105748	59%	96.4%	97.4%
ECO102470	PSY100879	58%	97.1%	99.3%
ECO102470	SPA100488	80%	43.5%	100%
ECO102470	STY102000	82%	98.8%	98.7%
ECO102473	BAN110554	27%	34.1%	76.7%
ECO102473	BAN101059	26%	43.3%	84.8%
ECO102473	EBC103107	88%	98.9%	100%
ECO102473	ECO102473	100%	100%	100%
ECO102473	KPN308674	81%	98.9%	100%
ECO102473	PRT102904	38%	42.9%	81.6%
ECO102473	SPA102272	89%	100%	100%
ECO102473	STY102006	89%	100%	100%
ECO102473	YPS003275	43%	95.4%	84.5%
ECO102501	ECO102501	100%	100%	100%
ECO102501	KPN304071	65%	99.2%	99.2%
ECO102507	EBC101718	84%	92.7%	100%
ECO102507	ECO102507	100%	100%	100%
ECO102507	KPN300399	73%	27.0%	91.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102507	KPN303134	78%	95.0%	99.6%
ECO102507	PRT104136	60%	91.7%	100%
ECO102507	SPA101717	68%	99.6%	100%
ECO102507	STY102061	86%	92.7%	99.8%
ECO102507	YPS003367	71%	95.6%	98.1%
ECO102508	ABA104968	57%	99.9%	100%
ECO102508	BAN111337	22%	57.7%	90.6%
ECO102508	BAN102784	24%	57.7%	89.3%
ECO102508	BFR10864	33%	80.2%	98.0%
ECO102508	BPT100477	53%	99.7%	99.6%
ECO102508	BCE106362	55%	93.7%	99.9%
ECO102508	BFU101352	54%	55.6%	100%
ECO102508	BMA106567	54%	97.3%	99.8%
ECO102508	CJU100885	22%	58.1%	91.6%
ECO102508	CAC101045	22%	84.6%	83.5%
ECO102508	CBO100623	23%	85.7%	84.8%
ECO102508	CDF101443	22%	88.9%	98.3%
ECO102508	CDP101519	24%	83.8%	82.7%
ECO102508	EBC100610	92%	40.5%	100%
ECO102508	EFA200566	24%	58.1%	90.4%
ECO102508	EFM202343	26%	28.6%	89.1%
ECO102508	ECO102508	100%	100%	100%
ECO102508	HIN100732	69%	99.6%	97.9%
ECO102508	KPN300196	91%	12.1%	90.8%
ECO102508	KPN303137	91%	100%	100%
ECO102508	LPN102188	24%	33.9%	96.2%
ECO102508	LMO100467	23%	60.8%	94.3%
ECO102508	MCA101372	53%	99.7%	99.7%
ECO102508	MAV103029	26%	40.2%	93.9%
ECO102508	MBV101894	26%	57.9%	87.9%
ECO102508	MLP101323	26%	57.9%	89.3%
ECO102508	MTU200797	26%	57.9%	89.3%
ECO102508	NGO100513	55%	99.7%	99.5%
ECO102508	NME200415	55%	99.7%	99.5%
ECO102508	PMU101085	73%	99.7%	99.7%
ECO102508	PRT101464	75%	99.8%	99.8%
ECO102508	PAE203760	65%	99.6%	99.7%
ECO102508	PPU103524	65%	99.6%	99.7%
ECO102508	PSY103799	65%	99.6%	99.7%
ECO102508	SPA101716	86%	42.7%	100%
ECO102508	STY102064	93%	100%	100%
ECO102508	SAU801069	23%	62.2%	95.6%
ECO102508	SEP200756	24%	58.1%	89.6%
ECO102508	SHA101252	23%	56.6%	97.8%
ECO102508	SMU101241	25%	83.8%	82.7%
ECO102508	SPN400046	23%	83.8%	82.6%
ECO102508	SPY200019	24%	83.8%	81.6%
ECO102508	VCH100853	74%	99.9%	100%
ECO102508	YPS003373	82%	99.9%	100%
ECO102512	EBC102616	76%	100%	100%
ECO102512	ECO102512	100%	100%	100%
ECO102512	KPN303133	78%	92.2%	100%
ECO102512	SPA103316	75%	99.0%	100%
ECO102512	STY102085	82%	92.2%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102512	STM101842	83%	92.2%	100%
ECO102512	YPS003387	60%	92.2%	100%
ECO102513	ABA100098	65%	87.2%	93.7%
ECO102513	BPT103139	57%	89.5%	91.6%
ECO102513	BCE114785	61%	89.5%	86.4%
ECO102513	BFU111724	50%	72.1%	98.4%
ECO102513	BFU100595	59%	89.5%	89.4%
ECO102513	BMA105131	61%	89.5%	60.8%
ECO102513	CJU100323	49%	84.9%	88.9%
ECO102513	CAC103521	42%	65.1%	89.3%
ECO102513	CBO100419	42%	65.1%	84.7%
ECO102513	CDF103036	41%	65.1%	63.3%
ECO102513	EBC102617	91%	100%	100%
ECO102513	ECO102513	100%	100%	100%
ECO102513	HIN100506	73%	100%	100%
ECO102513	HPY100273	44%	97.7%	100%
ECO102513	KPN303135	94%	100%	100%
ECO102513	MCA100048	62%	89.5%	91.6%
ECO102513	MAV105676	27%	30.2%	50.4%
ECO102513	MAV101610	28%	46.5%	72.2%
ECO102513	NGO102756	58%	89.5%	91.6%
ECO102513	NME200144	57%	89.5%	91.6%
ECO102513	PMU101858	72%	100%	100%
ECO102513	PRT105191	75%	84.9%	100%
ECO102513	PAE200361	58%	89.5%	91.6%
ECO102513	PPU102180	62%	89.5%	91.6%
ECO102513	PSY102752	57%	52.3%	84.6%
ECO102513	SPA103322	95%	100%	100%
ECO102513	STY102097	95%	100%	100%
ECO102513	STM101854	94%	100%	100%
ECO102513	VCH100703	76%	93.0%	95.2%
ECO102513	YPS003406	79%	100%	100%
ECO102553	ABA100455	69%	96.5%	91.0%
ECO102553	BFR102397	56%	83.5%	82.1%
ECO102553	BPT100242	64%	97.4%	92.9%
ECO102553	BBU100698	49%	97.4%	93.4%
ECO102553	BCE107881	67%	97.4%	90%
ECO102553	BFU102066	65%	99.1%	92.2%
ECO102553	BMA100174	66%	97.4%	90.7%
ECO102553	CJU100664	51%	93.9%	93.2%
ECO102553	CPN200643	44%	97.4%	92.6%
ECO102553	CTR200292	43%	97.4%	92.6%
ECO102553	CAC102258	55%	97.4%	98.2%
ECO102553	CBO102492	47%	99.1%	100%
ECO102553	CDF103914	53%	100%	99.1%
ECO102553	CDP101148	52%	96.5%	98.2%
ECO102553	EBC100906	98%	100%	100%
ECO102553	EFA202298	58%	97.4%	97.4%
ECO102553	EFM202223	58%	97.4%	97.4%
ECO102553	ECO102553	100%	100%	100%
ECO102553	HIN100191	89%	99.1%	98.3%
ECO102553	HPY101130	51%	93.9%	93.2%
ECO102553	KPN301017	98%	100%	100%
ECO102553	LPN101449	69%	100%	95.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102553	LMO102632	57%	97.4%	98.2%
ECO102553	MCA100220	68%	99.1%	94.3%
ECO102553	MAV102886	54%	96.5%	98.2%
ECO102553	MBV102292	53%	96.5%	98.2%
ECO102553	MLP100984	52%	96.5%	98.2%
ECO102553	MTU202866	53%	96.5%	98.2%
ECO102553	MGE100453	47%	95.7%	91.6%
ECO102553	MPN100184	47%	95.7%	91.6%
ECO102553	NGO102004	67%	97.4%	95.0%
ECO102553	NME200732	68%	97.4%	95.0%
ECO102553	PMU101298	87%	99.1%	98.3%
ECO102553	PRT100819	96%	100%	98.3%
ECO102553	PAE203739	73%	98.3%	97.4%
ECO102553	PPU107802	71%	99.1%	98.3%
ECO102553	PSY103791	69%	99.1%	98.3%
ECO102553	SPA101891	97%	100%	100%
ECO102553	STY102215	97%	100%	100%
ECO102553	SAU801241	55%	94.8%	94.0%
ECO102553	SEP201534	57%	97.4%	98.3%
ECO102553	SMU100257	57%	97.4%	97.4%
ECO102553	SPN401170	58%	97.4%	97.4%
ECO102553	SPY200530	57%	97.4%	97.4%
ECO102553	TPA100899	51%	97.4%	91.1%
ECO102553	UUR100573	47%	94.8%	88.6%
ECO102553	VCH100554	83%	99.1%	97.4%
ECO102553	YPS003417	93%	99.1%	99.1%
ECO102554	ABA100452	51%	93.7%	99.2%
ECO102554	BFR103869	44%	88.6%	100%
ECO102554	BPT101155	52%	95.3%	98.8%
ECO102554	BBU100697	42%	85.9%	90.8%
ECO102554	BCE110744	55%	86.3%	84.8%
ECO102554	BFU102064	51%	96.5%	98.1%
ECO102554	BMA102082	58%	86.3%	84.8%
ECO102554	CJU100663	34%	87.5%	96.6%
ECO102554	CPN200644	52%	88.6%	61.5%
ECO102554	CTR200291	50%	87.5%	62.2%
ECO102554	CAC101341	49%	92.2%	95.5%
ECO102554	CBO102927	46%	94.1%	97.5%
ECO102554	CDF104123	47%	85.9%	95.2%
ECO102554	CDP101153	37%	89.8%	92.8%
ECO102554	EBC100905	96%	100%	100%
ECO102554	EFA202296	46%	95.3%	98.8%
ECO102554	ECO102554	100%	100%	100%
ECO102554	HIN100192	83%	95.7%	99.2%
ECO102554	HPY101131	32%	88.2%	98.3%
ECO102554	KPN300514	99%	44.3%	100%
ECO102554	LPN101866	57%	94.9%	96.8%
ECO102554	LMO102506	46%	94.1%	98.4%
ECO102554	MCA100037	51%	94.5%	99.6%
ECO102554	MAV103396	42%	87.8%	95.0%
ECO102554	MBV102286	42%	87.5%	98.3%
ECO102554	MLP100985	42%	87.5%	95.0%
ECO102554	MTU202868	42%	87.5%	98.3%
ECO102554	MGE100454	39%	87.5%	94.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102554	MPN100183	40%	82.4%	97.6%
ECO102554	NGO102006	55%	97.3%	99.6%
ECO102554	NME200733	56%	97.3%	99.6%
ECO102554	PMU101297	80%	96.1%	100%
ECO102554	PRT100820	84%	96.9%	98.8%
ECO102554	PAE203740	66%	94.1%	95.6%
ECO102554	PPU107801	65%	94.5%	96.4%
ECO102554	PSY102681	67%	94.5%	93.4%
ECO102554	SPA101890	94%	100%	100%
ECO102554	STY102217	96%	100%	100%
ECO102554	SAU801240	44%	94.5%	97.6%
ECO102554	SEP201533	44%	94.5%	97.6%
ECO102554	SMU100806	48%	95.3%	98.8%
ECO102554	SPN400687	49%	94.5%	98.3%
ECO102554	SPY200632	48%	94.5%	96.7%
ECO102554	TPA100898	43%	95.3%	97.2%
ECO102554	UUR100574	41%	88.2%	96.9%
ECO102554	VCH100553	78%	96.9%	100%
ECO102554	YPS003421	91%	95.7%	99.2%
ECO102555	ABA100450	38%	93.5%	96.2%
ECO102555	BFR104790	24%	91.9%	90.6%
ECO102555	BPT101152	29%	91.9%	93.7%
ECO102555	BBU100696	26%	78.4%	84.9%
ECO102555	BCE100840	29%	93.5%	79.1%
ECO102555	BFU106135	31%	93.5%	73.0%
ECO102555	BMA100086	27%	93.5%	77.7%
ECO102555	CJU100662	24%	88.1%	90.5%
ECO102555	CAC100852	28%	87.0%	91.0%
ECO102555	CBO102176	23%	88.1%	92.1%
ECO102555	CDF102281	25%	87.6%	90.6%
ECO102555	CDP101154	23%	84.3%	89.2%
ECO102555	EBC100904	95%	24.3%	100%
ECO102555	EFA202294	28%	91.9%	95.4%
ECO102555	ECO102555	100%	100%	100%
ECO102555	HIN100193	68%	90.8%	94.4%
ECO102555	HPY101132	24%	81.1%	85.9%
ECO102555	KPN300513	92%	74.1%	100%
ECO102555	LPN101155	37%	91.4%	95.9%
ECO102555	LMO101858	25%	87.6%	92.4%
ECO102555	MCA100472	30%	91.4%	99.4%
ECO102555	MAV103398	33%	88.6%	94.3%
ECO102555	MBV102283	29%	88.6%	93.8%
ECO102555	MLP100986	31%	88.6%	90.5%
ECO102555	MTU202869	29%	88.6%	93.8%
ECO102555	NGO102007	36%	89.2%	93.5%
ECO102555	NME200734	36%	89.2%	93.5%
ECO102555	PMU101296	65%	90.8%	94.4%
ECO102555	PRT104604	75%	100%	100%
ECO102555	PAE203741	39%	92.4%	96.6%
ECO102555	PPU103409	37%	95.7%	98.3%
ECO102555	PSY103789	37%	67.6%	100%
ECO102555	SPA101889	93%	98.4%	100%
ECO102555	STY102219	93%	98.4%	100%
ECO102555	SAU801239	25%	87.0%	92.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102555	SEP201532	25%	88.1%	94.0%
ECO102555	SMU100803	28%	87.0%	91.3%
ECO102555	SPN400686	23%	87.6%	91.9%
ECO102555	SPY200631	24%	87.6%	91.9%
ECO102555	TPA100897	30%	40.5%	42.5%
ECO102555	VCH100552	60%	100%	100%
ECO102555	YPS003425	81%	98.4%	100%
ECO102556	ABA100463	69%	98.8%	97.6%
ECO102556	BFR103669	43%	87.8%	33.0%
ECO102556	BPT101149	58%	93.9%	89.5%
ECO102556	BBU100694	44%	95.1%	88.4%
ECO102556	BCE101287	59%	98.8%	95.2%
ECO102556	BFU106133	59%	98.8%	72.7%
ECO102556	BMA105933	58%	98.8%	95.2%
ECO102556	CJU100660	45%	90.2%	96%
ECO102556	CPN200645	33%	90.2%	59.7%
ECO102556	CTR200290	35%	90.2%	61.2%
ECO102556	CAC102507	46%	91.5%	90.1%
ECO102556	CBO102241	48%	92.7%	87.1%
ECO102556	CDF104187	44%	90.2%	77.4%
ECO102556	CDP101155	38%	91.5%	46.5%
ECO102556	EFA201163	47%	92.7%	81.3%
ECO102556	ECO102556	100%	100%	100%
ECO102556	HIN100194	70%	100%	100%
ECO102556	HPY101134	47%	90.2%	94.7%
ECO102556	KPN203248	91%	84.1%	94.5%
ECO102556	LPN102433	56%	97.6%	93.0%
ECO102556	LMO101675	45%	90.2%	80%
ECO102556	MCA100471	60%	100%	100%
ECO102556	MAV103402	35%	91.5%	42.9%
ECO102556	MBV102277	37%	91.5%	45.1%
ECO102556	MLP100988	38%	91.5%	45.6%
ECO102556	MTU202871	37%	91.5%	45.1%
ECO102556	MGE100455	37%	85.4%	76.4%
ECO102556	MPN100182	32%	85.4%	77.3%
ECO102556	NGO102008	66%	93.9%	95.1%
ECO102556	NME200735	64%	98.8%	100%
ECO102556	PRT100822	76%	86.6%	74.0%
ECO102556	PAE203742	59%	98.8%	97.6%
ECO102556	PPU107799	60%	100%	75.2%
ECO102556	PSY103786	52%	97.6%	94.1%
ECO102556	SPA101888	97%	100%	80.4%
ECO102556	STY102221	97%	100%	100%
ECO102556	SAU801238	39%	92.7%	82.4%
ECO102556	SEP201531	42%	85.4%	75.8%
ECO102556	SHA102521	51%	57.3%	92.2%
ECO102556	SMU100800	50%	92.7%	81.3%
ECO102556	SPN400682	47%	92.7%	82.2%
ECO102556	SPY200625	44%	98.8%	87.8%
ECO102556	TPA100895	45%	89.0%	58.5%
ECO102556	UUR100575	40%	54.9%	44.6%
ECO102556	VCH100551	75%	100%	100%
ECO102556	YPS003446	79%	100%	100%
ECO102557	ABA100567	65%	98.2%	95.5%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102557	BAN113732	49%	72.0%	96.8%
ECO102557	BAN108180	54%	75.9%	99.4%
ECO102557	BFR10168	51%	84.8%	99.0%
ECO102557	BPT101335	63%	98.2%	97.9%
ECO102557	BBU100693	41%	98.0%	99.1%
ECO102557	BCE112884	65%	70.0%	99.1%
ECO102557	BFU115323	64%	98.7%	99.3%
ECO102557	BMA100755	65%	98.7%	99.3%
ECO102557	CJU100659	41%	95.8%	97.5%
ECO102557	CPN200646	38%	98.0%	98.9%
ECO102557	CTR200289	44%	98.0%	98.9%
ECO102557	CAC101092	48%	96.2%	97.3%
ECO102557	CBO101744	49%	98.5%	99.3%
ECO102557	CDF103672	50%	83.9%	97.9%
ECO102557	CDP101160	46%	100%	87.6%
ECO102557	EBC100407	96%	77.9%	94.9%
ECO102557	EFA201155	50%	99.8%	95.1%
ECO102557	EFM202293	51%	85.7%	99.5%
ECO102557	ECO102557	100%	100%	100%
ECO102557	HIN100105	79%	99.8%	97.8%
ECO102557	HPY101135	40%	98.9%	99.3%
ECO102557	KPN301264	97%	77.9%	94.7%
ECO102557	LPN101209	64%	98.2%	97.4%
ECO102557	LMO100196	53%	98.9%	98.2%
ECO102557	MCA100840	63%	98.2%	98.0%
ECO102557	MAV103395	49%	96.0%	84.7%
ECO102557	MBV102321	50%	96.0%	83.4%
ECO102557	MLP100989	49%	96.0%	84.1%
ECO102557	MTU202878	50%	96.0%	83.4%
ECO102557	MGE100048	39%	94.5%	95.3%
ECO102557	MPN100093	40%	91.2%	91.8%
ECO102557	NGO101772	65%	99.8%	99.8%
ECO102557	NME202026	67%	99.8%	99.8%
ECO102557	PMU101183	80%	98.5%	97.4%
ECO102557	PRT100858	87%	100%	100%
ECO102557	PAE203743	71%	99.6%	99.6%
ECO102557	PPU107798	70%	99.1%	98.9%
ECO102557	PSY103783	69%	99.1%	98.9%
ECO102557	SPA101887	92%	78.1%	100%
ECO102557	STY102223	98%	100%	100%
ECO102557	SAU801237	50%	98.7%	99.3%
ECO102557	SEP201530	50%	98.7%	99.3%
ECO102557	SMU100253	47%	99.3%	86.8%
ECO102557	SPN401165	47%	99.3%	85.7%
ECO102557	SPY200915	47%	99.3%	86.1%
ECO102557	TPA100412	39%	100%	100%
ECO102557	UUR100090	40%	94.7%	95.3%
ECO102557	VCH100550	76%	99.8%	98.0%
ECO102557	YPS003448	88%	100%	100%
ECO102562	ABA101740	44%	97.6%	94.4%
ECO102562	BAN112667	32%	51.4%	57.0%
ECO102562	BFR100600	34%	89.7%	91.0%
ECO102562	BPT103790	39%	97.6%	96.3%
ECO102562	BBU100310	34%	57.2%	58.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102562	BCE114005	38%	98.3%	87.7%
ECO102562	BFU102654	38%	99.0%	96%
ECO102562	BMA109400	38%	99.0%	83.5%
ECO102562	CJU100602	33%	79.1%	79.4%
ECO102562	CAC101559	33%	75.7%	77.5%
ECO102562	CBO102717	34%	92.8%	95.7%
ECO102562	CDF103162	26%	91.1%	94.0%
ECO102562	CDP101033	32%	77.4%	73.2%
ECO102562	EBC102479	97%	91.8%	100%
ECO102562	EFA200895	35%	49.3%	54.7%
ECO102562	EFM200968	25%	52.4%	60%
ECO102562	ECO102562	100%	100%	100%
ECO102562	HIN100070	58%	86.0%	96.9%
ECO102562	HPY101374	26%	99.0%	97.9%
ECO102562	KPN301269	94%	100%	100%
ECO102562	LPN101990	43%	94.5%	94.6%
ECO102562	LMO100773	32%	50.3%	56.1%
ECO102562	MCA101910	38%	98.3%	95.7%
ECO102562	MAV102046	34%	74.7%	67.3%
ECO102562	MBV105349	35%	68.2%	64.8%
ECO102562	MLP100841	34%	69.9%	65.6%
ECO102562	MTU201674	35%	68.2%	64.8%
ECO102562	MGE100130	29%	55.5%	58.3%
ECO102562	MPN100566	31%	56.8%	60.2%
ECO102562	NGO100871	39%	99.7%	99.7%
ECO102562	NME200939	39%	99.7%	99.7%
ECO102562	PMU100333	56%	98.3%	94.8%
ECO102562	PRT101147	77%	75.7%	100%
ECO102562	PAE203086	47%	98.3%	97.6%
ECO102562	PPU105852	48%	98.3%	97.3%
ECO102562	PSY100717	46%	98.3%	97.3%
ECO102562	SPA101531	95%	99.0%	100%
ECO102562	STY102233	96%	100%	100%
ECO102562	STM102487	96%	100%	100%
ECO102562	SAU801007	27%	53.8%	59.1%
ECO102562	SEP200233	29%	54.8%	60.2%
ECO102562	SHA100764	27%	54.8%	60.2%
ECO102562	SMU100219	29%	49.3%	52.0%
ECO102562	SPN401005	24%	73.6%	69.9%
ECO102562	SPY200856	32%	49.3%	51.8%
ECO102562	TPA100437	34%	84.9%	81.0%
ECO102562	UUR100177	22%	69.5%	73.7%
ECO102562	VCH100837	58%	100%	100%
ECO102562	YPS002057	82%	99.7%	99.3%
ECO102578	ECO102578	100%	100%	100%
ECO102578	VCH101777	23%	61.9%	61.6%
ECO102588	BFR100937	19%	35.1%	18.2%
ECO102588	CJU101174	30%	13.1%	16.7%
ECO102588	ECO102588	100%	100%	100%
ECO102588	HPY100493	18%	35.3%	47.1%
ECO102588	LPN101370	24%	37.6%	50.1%
ECO102588	MGE100322	23%	25.0%	40.9%
ECO102588	STY103166	28%	22.4%	49.6%
ECO102588	SAU800159	34%	15.7%	24.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102588	UUR100022	23%	22.0%	25.1%
ECO102593	ABA105043	21%	26.4%	58.5%
ECO102593	BPT105268	20%	32.6%	64.5%
ECO102593	BPT100671	22%	91.7%	82.0%
ECO102593	BPT100041	25%	45.4%	71.5%
ECO102593	BPT100991	31%	31.2%	61.6%
ECO102593	BCE104738	26%	25.6%	54.2%
ECO102593	BCE102211	22%	14.1%	40.1%
ECO102593	BCE110445	24%	8.2%	97.9%
ECO102593	BCE103017	24%	21.6%	83.6%
ECO102593	BCE103623	27%	30.4%	66.2%
ECO102593	BCE100403	22%	69.4%	24.8%
ECO102593	BCE110366	23%	85.7%	22.0%
ECO102593	BCE101250	23%	22.4%	95.0%
ECO102593	BCE106666	24%	30.7%	71.7%
ECO102593	BFU112047	19%	33.2%	75.6%
ECO102593	BFU113446	19%	27.2%	83.8%
ECO102593	BFU104375	21%	37.0%	89.3%
ECO102593	BFU112017	21%	6.1%	49.7%
ECO102593	BFU106700	22%	56.1%	75.9%
ECO102593	BFU113994	21%	8.8%	43.4%
ECO102593	BFU112565	20%	72.6%	31.1%
ECO102593	BFU108657	22%	25.8%	97.0%
ECO102593	BFU109807	23%	72.0%	24.6%
ECO102593	BMA109486	23%	36.3%	73.0%
ECO102593	CDF103395	22%	17.6%	37.5%
ECO102593	CDP101864	43%	1.3%	33.1%
ECO102593	EFA201471	22%	67.7%	52.6%
ECO102593	EFM101518	20%	38.2%	25.2%
ECO102593	ECO102148	41%	0.4%	70.9%
ECO102593	ECO102593	100%	100%	100%
ECO102593	HIN100971	22%	46.4%	45.3%
ECO102593	KPN203199	22%	10.8%	51.7%
ECO102593	LMO101479	20%	28.6%	59.4%
ECO102593	LMO101190	44%	4.9%	9.2%
ECO102593	LMO101803	28%	11.4%	32.4%
ECO102593	MCA102916	21%	56.7%	48.7%
ECO102593	MTU203460	27%	8.8%	9.0%
ECO102593	MTU200863	24%	23.0%	54.1%
ECO102593	MTU201807	23%	12.2%	35.9%
ECO102593	MTU200278	30%	6.1%	12.3%
ECO102593	MTU201226	26%	12.4%	31.0%
ECO102593	MTU200277	29%	6.9%	12.4%
ECO102593	MTU200575	23%	22.2%	24.4%
ECO102593	MTU201737	23%	23.2%	40.0%
ECO102593	MTU202815	23%	24.4%	53.5%
ECO102593	MTU201630	24%	7.6%	38.9%
ECO102593	NGO100136	24%	36.5%	46.6%
ECO102593	NGO101220	20%	52.5%	70.1%
ECO102593	NGO101062	25%	16.4%	15.8%
ECO102593	NME200426	22%	59.5%	67.6%
ECO102593	NME200638	23%	9.5%	17.2%
ECO102593	NME200634	21%	45.5%	52.6%
ECO102593	PRT103539	21%	57.4%	15.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102593	PRT105107	21%	61.6%	62.1%
ECO102593	PAE204079	21%	2.8%	88.2%
ECO102593	PAE204539	20%	70.0%	61.9%
ECO102593	PPU103891	22%	5.9%	14.1%
ECO102593	PPU101855	27%	47.2%	97.6%
ECO102593	PSY105010	26%	3.4%	93.8%
ECO102593	STM104147	20%	65.9%	2.1%
ECO102593	YPS000732	30%	14.9%	77.1%
ECO102593	YPS002481	29%	8.5%	63.3%
ECO102593	YPS003252	27%	17.7%	44.0%
ECO102599	ECO102599	100%	100%	100%
ECO102600	ECO102600	100%	100%	100%
ECO102604	BPT105939	30%	33.1%	20.5%
ECO102604	ECO102604	100%	100%	100%
ECO102604	KPN305556	85%	98.6%	100%
ECO102604	PPU108977	67%	90.3%	100%
ECO102604	SPA100787	84%	98.6%	100%
ECO102604	STY102673	86%	90.8%	99.7%
ECO102604	STM103130	86%	90.8%	99.7%
ECO102610	ABA100150	46%	99.3%	100%
ECO102610	BPT101957	49%	98.7%	97.3%
ECO102610	BBU100322	37%	35.6%	14.1%
ECO102610	BCE109062	43%	100%	99.4%
ECO102610	CBO101404	32%	55.0%	38.7%
ECO102610	CDF102194	35%	53.7%	39.3%
ECO102610	EBC102396	64%	99.3%	99.3%
ECO102610	EFA201210	47%	39.6%	28.6%
ECO102610	EFM201311	42%	38.3%	27.2%
ECO102610	EFM202034	47%	39.6%	26.9%
ECO102610	ECO102610	100%	100%	100%
ECO102610	KPN301659	64%	98.7%	98.7%
ECO102610	MCA100095	40%	99.3%	100%
ECO102610	NGO101731	46%	33.6%	11.2%
ECO102610	NME200158	40%	33.6%	12.3%
ECO102610	PMU101974	36%	99.3%	98.6%
ECO102610	PAE205173	54%	99.3%	100%
ECO102610	PPU106499	56%	99.3%	100%
ECO102610	PSY104020	52%	99.3%	100%
ECO102610	SPA103010	93%	100%	100%
ECO102610	TPA100041	42%	32.9%	15.2%
ECO102610	VCH100047	34%	47.0%	17.6%
ECO102612	ABA100902	27%	97.0%	93.1%
ECO102612	BAN102839	22%	70.7%	55.6%
ECO102612	BAN109348	23%	82.8%	90.1%
ECO102612	BAN105886	31%	83.8%	82.8%
ECO102612	BAN101705	33%	77.8%	90.6%
ECO102612	BAN106903	29%	82.8%	85.4%
ECO102612	BAN108997	32%	84.8%	77.6%
ECO102612	BAN109157	34%	82.8%	81.8%
ECO102612	BPT102914	25%	89.9%	78.4%
ECO102612	BCE100121	37%	93.9%	79.3%
ECO102612	BFU101752	38%	76.8%	32.1%
ECO102612	BMA104163	33%	97.0%	83.5%
ECO102612	CBO102999	27%	87.9%	93.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102612	EBC100370	76%	98.0%	100%
ECO102612	ECO102612	100%	100%	100%
ECO102612	KPN304418	69%	100%	100%
ECO102612	LPN102332	29%	78.8%	91.9%
ECO102612	LMO102436	26%	82.8%	82.5%
ECO102612	MAV101064	31%	90.9%	83.5%
ECO102612	MBV103014	32%	84.8%	72.3%
ECO102612	MTU201653	32%	85.9%	38.5%
ECO102612	NGO100659	36%	80.8%	84.9%
ECO102612	NME201928	37%	54.5%	79.4%
ECO102612	PMU101481	30%	93.9%	96.8%
ECO102612	PRT101996	38%	97.0%	88.8%
ECO102612	PAE204352	31%	77.8%	89%
ECO102612	PPU112349	28%	77.8%	89.1%
ECO102612	PPU101562	31%	78.8%	90%
ECO102612	PSY101769	31%	77.8%	85.6%
ECO102612	SPA103008	89%	100%	100%
ECO102612	STY106198	87%	100%	100%
ECO102612	STM103167	89%	100%	100%
ECO102612	SEP202395	30%	89.9%	75.4%
ECO102612	SMU101283	28%	89.9%	23.0%
ECO102612	VCH100665	41%	96.0%	87.0%
ECO102612	VCH103365	37%	97.0%	90.5%
ECO102619	BAN106019	41%	91.2%	95.8%
ECO102619	BAN106208	41%	91.2%	95.8%
ECO102619	CDP101420	53%	91.2%	92.2%
ECO102619	EBC101489	87%	99.3%	63.1%
ECO102619	EFA201340	40%	91.9%	60.8%
ECO102619	EFM202084	27%	90.4%	96.6%
ECO102619	ECO102619	100%	100%	100%
ECO102619	KPN304448	80%	96.3%	61.8%
ECO102619	MAV103566	61%	94.9%	88.7%
ECO102619	MBV105902	62%	94.9%	88.7%
ECO102619	MLP101068	60%	93.4%	94.9%
ECO102619	MTU203012	62%	94.9%	88.7%
ECO102619	MGE100235	55%	93.4%	84.3%
ECO102619	MPN100513	53%	92.6%	83.7%
ECO102619	PRT102698	58%	92.6%	59.3%
ECO102619	SPA100545	66%	100%	62.7%
ECO102619	STY102715	85%	100%	100%
ECO102619	STM103197	85%	100%	100%
ECO102619	SAU800730	36%	92.6%	90.2%
ECO102619	SEP201146	33%	86.8%	83.2%
ECO102619	SEP200795	37%	92.6%	85.6%
ECO102619	SHA100608	38%	66.2%	68.9%
ECO102619	SMU100587	27%	86.8%	88.9%
ECO102619	SPN400156	26%	97.1%	75.5%
ECO102619	SPY200303	52%	87.5%	74.1%
ECO102619	YPS001326	69%	97.1%	99.3%
ECO102636	ABA100197	94%	63.9%	100%
ECO102636	ABA101889	91%	91.8%	66.7%
ECO102636	BBU100183	33%	93.4%	70.4%
ECO102636	CJU101029	33%	88.5%	72%
ECO102636	CAC101250	38%	93.4%	78.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102636	CBO100627	34%	100%	84.7%
ECO102636	CDF101436	38%	88.5%	77.1%
ECO102636	EBC101518	100%	100%	100%
ECO102636	ECO102636	100%	100%	100%
ECO102636	HIN100793	68%	93.4%	90.5%
ECO102636	HPY101421	33%	96.7%	77.6%
ECO102636	KPN305688	100%	96.7%	100%
ECO102636	LPN100697	76%	98.4%	70.6%
ECO102636	MCA100043	86%	95.1%	69.9%
ECO102636	PMU101288	69%	85.2%	83.9%
ECO102636	PRT105141	96%	93.4%	91.9%
ECO102636	PAE200904	85%	100%	100%
ECO102636	PPU100420	75%	98.4%	98.4%
ECO102636	PSY106524	75%	100%	100%
ECO102636	STY102763	100%	100%	100%
ECO102636	TPA100649	40%	96.7%	80.8%
ECO102636	VCH100538	98%	90.2%	84.6%
ECO102636	YPS003496	95%	100%	100%
ECO102637	ABA102548	52%	8.7%	92.7%
ECO102637	ABA101894	58%	99.4%	99.3%
ECO102637	BAN112993	47%	12.1%	95.5%
ECO102637	BAN112360	40%	72.6%	99.1%
ECO102637	BAN110893	44%	99.1%	99.0%
ECO102637	BFR11415	43%	98.3%	98.7%
ECO102637	BPT101143	62%	99.4%	99.8%
ECO102637	BBU100219	36%	79.0%	98.7%
ECO102637	BCE107013	72%	48.1%	93.8%
ECO102637	BFU114595	62%	99.3%	99.7%
ECO102637	BMA107024	62%	99.3%	99.7%
ECO102637	CJU100469	47%	97.9%	98.6%
ECO102637	CPN200957	41%	99.1%	99.3%
ECO102637	CTR200124	41%	99.1%	99.3%
ECO102637	CAC100475	42%	98.3%	98.2%
ECO102637	CBO102316	42%	98.4%	98.3%
ECO102637	CDF100894	44%	98.1%	98.0%
ECO102637	CDP100382	40%	99.2%	99.8%
ECO102637	EBC101519	91%	98.3%	100%
ECO102637	EFA202378	44%	99.2%	99.3%
ECO102637	EFM102001	41%	13.7%	100%
ECO102637	ECO102637	100%	100%	100%
ECO102637	HIN100794	69%	99.7%	99.9%
ECO102637	HPY101224	46%	98.4%	98.8%
ECO102637	KPN301584	91%	99.9%	100%
ECO102637	LPN103164	56%	98.6%	99.1%
ECO102637	LMO101358	43%	99.1%	99.0%
ECO102637	MCA100516	58%	99.2%	99.1%
ECO102637	MAV102135	39%	97.5%	99.1%
ECO102637	MBV100967	40%	99.1%	99.1%
ECO102637	MLP100309	38%	99.1%	99.4%
ECO102637	MTU202518	40%	99.1%	99.1%
ECO102637	MGE100298	31%	97.7%	98.4%
ECO102637	MPN100422	33%	91.0%	88.8%
ECO102637	NGO101407	61%	99.4%	99.7%
ECO102637	NME201646	61%	99.4%	99.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102637	PMU101287	70%	99.7%	99.9%
ECO102637	PRT101312	78%	99.9%	100%
ECO102637	PAE200902	65%	99.4%	99.8%
ECO102637	PPU106922	65%	98.3%	98.6%
ECO102637	PSY103114	64%	93.8%	98.8%
ECO102637	SPA101276	94%	99.4%	100%
ECO102637	STY102766	95%	100%	100%
ECO102637	SAU801618	45%	98.9%	99.0%
ECO102637	SEP201165	44%	98.9%	99.0%
ECO102637	SHA101190	45%	98.9%	98.6%
ECO102637	SMU100824	44%	98.6%	99.1%
ECO102637	SPN401239	42%	98.9%	99.3%
ECO102637	SPY201063	43%	98.6%	99.1%
ECO102637	TPA101007	40%	79.0%	97.4%
ECO102637	UUR100371	32%	99.1%	99.2%
ECO102637	VCH100535	68%	99.9%	100%
ECO102637	YPS003498	82%	99.9%	100%
ECO102638	ABA101317	32%	87.3%	83.1%
ECO102638	BFR105888	23%	86.7%	89.0%
ECO102638	BPT102831	29%	86.7%	70.2%
ECO102638	BCE103131	33%	90.4%	47.6%
ECO102638	CAC101416	25%	90.4%	67.8%
ECO102638	CDF104561	26%	90.4%	67.0%
ECO102638	EBC101520	84%	100%	100%
ECO102638	EFA200848	23%	69.9%	40.2%
ECO102638	EFM200848	25%	85.5%	50.9%
ECO102638	ECO102638	100%	100%	100%
ECO102638	HIN100578	28%	68.7%	92.1%
ECO102638	KPN301586	76%	100%	100%
ECO102638	LPN101898	32%	90.4%	93.3%
ECO102638	MCA103400	28%	89.2%	50.6%
ECO102638	NGO100458	29%	85.5%	84.3%
ECO102638	NME201548	30%	85.5%	84.3%
ECO102638	PMU101816	29%	65.7%	88.8%
ECO102638	PRT104789	37%	82.5%	97.9%
ECO102638	PAE203614	40%	89.8%	90.2%
ECO102638	PPU101132	36%	70.5%	75.9%
ECO102638	PSY107055	39%	84.3%	85.5%
ECO102638	SPA101275	86%	100%	100%
ECO102638	STY102769	87%	100%	100%
ECO102638	SPN401716	25%	81.3%	44.1%
ECO102638	SPY201239	29%	56.6%	36.8%
ECO102638	VCH100534	36%	84.9%	86.2%
ECO102638	YPS003500	44%	88.6%	95.2%
ECO102639	ABA101315	74%	92.9%	94.0%
ECO102639	BAN109036	49%	90.9%	95.2%
ECO102639	BAN107984	70%	56.9%	96.6%
ECO102639	BFR11938	63%	91.2%	92.8%
ECO102639	BPT102835	68%	95.8%	96.6%
ECO102639	BBU100130	54%	96.0%	95.1%
ECO102639	BCE109039	69%	96.9%	95.8%
ECO102639	BFU103521	68%	97.7%	96.1%
ECO102639	BMA106800	72%	91.2%	90.7%
ECO102639	CJU101578	62%	91.5%	94.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102639	CPN201091	56%	98.0%	98.6%
ECO102639	CTR200019	59%	90.9%	91.2%
ECO102639	CAC102599	65%	91.8%	92.8%
ECO102639	CBO100413	66%	91.8%	91.0%
ECO102639	CDF100868	64%	91.2%	91.0%
ECO102639	CDP100408	63%	90.7%	86.0%
ECO102639	EBC101521	92%	100%	100%
ECO102639	EFA201505	59%	97.5%	98.0%
ECO102639	EFM100436	61%	87.5%	96.9%
ECO102639	ECO102639	100%	100%	100%
ECO102639	HIN100579	73%	100%	99.7%
ECO102639	HPY100150	61%	95.2%	97.1%
ECO102639	KPN301587	93%	100%	100%
ECO102639	LPN100193	70%	99.2%	100%
ECO102639	LMO100506	63%	90.9%	92.2%
ECO102639	MCA103696	71%	96.9%	97.7%
ECO102639	MAV102772	62%	98.6%	98.6%
ECO102639	MBV102991	66%	98.6%	99.4%
ECO102639	MLP100604	65%	92.9%	97.5%
ECO102639	MTU202700	66%	98.6%	99.4%
ECO102639	MGE100348	46%	85.3%	88.5%
ECO102639	MPN100352	45%	85.8%	90.5%
ECO102639	NGO100154	69%	92.1%	86.9%
ECO102639	NME201518	69%	92.1%	93.7%
ECO102639	PMU101817	75%	99.4%	97.5%
ECO102639	PRT101313	84%	99.7%	100%
ECO102639	PAE203615	71%	99.2%	100%
ECO102639	PPU106715	73%	92.6%	92.1%
ECO102639	PSY104402	73%	93.2%	89.2%
ECO102639	SPA101274	88%	100%	100%
ECO102639	STY102772	97%	100%	100%
ECO102639	SAU801285	62%	92.4%	93.9%
ECO102639	SEP201588	59%	99.2%	97.4%
ECO102639	SHA101287	61%	92.4%	93.7%
ECO102639	SMU101217	62%	90.9%	84.9%
ECO102639	SPN401755	60%	98.0%	87.6%
ECO102639	SPY201616	62%	90.9%	86.0%
ECO102639	TPA100684	59%	91.8%	80.1%
ECO102639	UR100082	40%	91.8%	97.0%
ECO102639	VCH100533	84%	93.8%	80.3%
ECO102639	YPS003502	87%	100%	100%
ECO102641	ABA105758	38%	84.2%	90.7%
ECO102641	BPT100211	34%	96.4%	96.3%
ECO102641	BCE110777	42%	83.7%	99.1%
ECO102641	BFU102083	39%	83.7%	76.8%
ECO102641	BMA101152	39%	83.7%	99.1%
ECO102641	EBC101821	88%	99.7%	100%
ECO102641	ECO102641	100%	100%	100%
ECO102641	KPN301585	87%	99.4%	100%
ECO102641	LPN102694	40%	83.1%	87.6%
ECO102641	MCA101336	34%	66.2%	51.0%
ECO102641	MAV106642	33%	16.3%	17.5%
ECO102641	MBV100885	33%	16.6%	15.7%
ECO102641	MTU201213	33%	16.6%	14.6%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102641	NGO101013	38%	83.7%	87.4%
ECO102641	NME201354	38%	83.7%	90.6%
ECO102641	PMU100513	27%	72.3%	68.7%
ECO102641	PRT105375	29%	98.6%	97.3%
ECO102641	PAE204442	67%	98.6%	97.5%
ECO102641	PPU108958	46%	85.3%	95.3%
ECO102641	PSY105088	46%	85.9%	94.7%
ECO102641	SPA100411	81%	98.1%	99.7%
ECO102641	STY102777	92%	100%	100%
ECO102641	VCH101926	27%	83.7%	94.1%
ECO102641	YPS000499	74%	99.2%	96.8%
ECO102645	CBO103413	46%	98.8%	97.7%
ECO102645	CDF102939	60%	99.6%	99.2%
ECO102645	EBC101896	95%	81.5%	99.1%
ECO102645	ECO102645	100%	100%	100%
ECO102645	KPN307029	91%	100%	100%
ECO102645	PMU101968	74%	100%	100%
ECO102645	PSY101670	33%	83.4%	94.0%
ECO102645	SPA101711	94%	100%	100%
ECO102645	STY102788	97%	100%	100%
ECO102645	STM103254	97%	100%	100%
ECO102646	CBO101041	31%	96.6%	82.7%
ECO102646	CDF104371	29%	96.6%	77.1%
ECO102646	EBC101897	70%	100%	100%
ECO102646	EFA200720	29%	88.2%	66.5%
ECO102646	EFM201620	27%	90.8%	67.5%
ECO102646	ECO102646	100%	100%	100%
ECO102646	KPN303732	73%	100%	100%
ECO102646	MAV103524	58%	20.2%	18.5%
ECO102646	MBV103369	45%	29.4%	27.8%
ECO102646	MLP100731	45%	29.4%	27.8%
ECO102646	MTU201326	45%	29.4%	27.8%
ECO102646	PMU101967	44%	92.4%	90.2%
ECO102646	SPA101712	82%	100%	100%
ECO102646	STY102790	83%	100%	100%
ECO102646	STM103595	83%	100%	100%
ECO102646	SMU100625	35%	59.7%	43.8%
ECO102646	SPY101903	32%	88.2%	70.4%
ECO102654	EBC103477	78%	98.5%	98.5%
ECO102654	ECO102654	100%	100%	100%
ECO102654	KPN303729	75%	98.8%	98.8%
ECO102654	SPA100711	39%	99.1%	99.1%
ECO102654	STY104055	40%	99.1%	97.6%
ECO102654	STM100084	41%	99.1%	97.6%
ECO102654	VCH101533	38%	99.1%	96.8%
ECO102654	YPS001725	36%	99.1%	98.8%
ECO102655	CDF100104	39%	36.9%	98.9%
ECO102655	CDF101686	37%	94.2%	97.0%
ECO102655	EBC103488	88%	99.0%	99.8%
ECO102655	EFM200442	36%	93.6%	99.6%
ECO102655	ECO102655	100%	100%	100%
ECO102655	KPN305684	88%	97.5%	98.5%
ECO102655	PPU110278	31%	19.2%	17.2%
ECO102655	SPN400505	37%	93.8%	72.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102655	SPY200412	38%	95.7%	73.7%
ECO102669	BFU102622	56%	100%	94.9%
ECO102669	CJU100586	41%	98.1%	98.6%
ECO102669	CAC102120	44%	98.1%	99.2%
ECO102669	CBO100979	38%	89.8%	93.6%
ECO102669	CDP100853	51%	98.1%	96.5%
ECO102669	EBC102590	86%	98.1%	79.9%
ECO102669	ECO102669	100%	100%	100%
ECO102669	HPY100884	43%	97.9%	99.2%
ECO102669	KPN303726	84%	99.7%	99.7%
ECO102669	LPN100627	46%	98.1%	98.4%
ECO102669	PRT101111	64%	98.9%	99.2%
ECO102669	SPA101915	93%	98.1%	80.6%
ECO102669	STY102830	94%	99.7%	99.7%
ECO102669	STM103675	94%	99.7%	99.7%
ECO102671	EBC107209	86%	88.0%	100%
ECO102671	ECO102671	100%	100%	100%
ECO102671	KPN303720	88%	77.7%	95.5%
ECO102671	SPA100903	89%	69.7%	98.6%
ECO102671	STY102834	89%	99.9%	99.9%
ECO102671	STM103679	90%	99.9%	99.9%
ECO102671	SAU802611	40%	5.3%	52.9%
ECO102690	BAN104917	36%	76.1%	80.8%
ECO102690	BAN109893	52%	97.0%	99.5%
ECO102690	BFR12076	51%	89.1%	89.1%
ECO102690	BCE101378	56%	75.1%	80.7%
ECO102690	BFU105924	51%	78.6%	87.7%
ECO102690	BMA103440	52%	87.6%	67.2%
ECO102690	CJU101334	28%	70.6%	81.8%
ECO102690	CAC100962	53%	96.0%	96.5%
ECO102690	EBC104331	89%	100%	100%
ECO102690	ECO102690	100%	100%	100%
ECO102690	KPN103912	92%	100%	100%
ECO102690	PRT103978	62%	99.5%	100%
ECO102690	PAE201392	58%	75.1%	77.0%
ECO102690	PSY108238	50%	94.0%	80.9%
ECO102690	PSY106624	50%	94.0%	80.9%
ECO102690	SPA104299	77%	17.4%	77.3%
ECO102690	STY103443	85%	100%	100%
ECO102690	SEP201659	52%	96.0%	97.5%
ECO102690	SHA102289	56%	96.0%	97.5%
ECO102690	VCH102521	67%	97.0%	91.2%
ECO102690	YPS000099	80%	98.0%	92.5%
ECO102705	ABA100092	27%	81.8%	51.5%
ECO102705	BAN110678	43%	73.6%	53.4%
ECO102705	BAN109471	43%	73.6%	53.4%
ECO102705	BFR105878	35%	86.8%	93.2%
ECO102705	BPT100447	31%	48.8%	40.8%
ECO102705	BCE115084	31%	52.1%	44.7%
ECO102705	BFU101022	28%	57.9%	50%
ECO102705	BMA106574	31%	52.1%	44.7%
ECO102705	CJU100148	28%	52.9%	33.2%
ECO102705	CAC100156	25%	85.1%	87.5%
ECO102705	CBO101681	43%	95.0%	98.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102705	EBC104323	94%	99.2%	100%
ECO102705	ECO102705	100%	100%	100%
ECO102705	HIN101163	27%	92.6%	95.7%
ECO102705	KPN303830	93%	100%	100%
ECO102705	MCA101606	27%	82.6%	52.0%
ECO102705	NGO101844	30%	69.4%	62.1%
ECO102705	NME200649	26%	94.2%	97.1%
ECO102705	PMU100185	29%	92.6%	95.7%
ECO102705	PRT102255	84%	100%	100%
ECO102705	PAE202664	76%	95.9%	98.3%
ECO102705	PPU111281	75%	95.9%	98.3%
ECO102705	PSY100460	72%	95.9%	98.3%
ECO102705	SPA104187	93%	100%	100%
ECO102705	STY103502	94%	99.2%	100%
ECO102705	STM104214	94%	99.2%	100%
ECO102705	SAU800711	35%	94.2%	84.9%
ECO102705	SEP200752	34%	94.2%	84.9%
ECO102705	SHA101448	37%	96.7%	87.1%
ECO102705	SMU100908	39%	74.4%	59.5%
ECO102705	VCH101280	79%	100%	99.2%
ECO102705	YPS000126	83%	98.3%	100%
ECO102706	ABA104102	26%	67.7%	56.5%
ECO102706	BPT101729	27%	74.8%	58.4%
ECO102706	BCE111382	26%	81.3%	67.3%
ECO102706	BCE104052	26%	81.3%	64.3%
ECO102706	BFU111756	34%	96.1%	97.7%
ECO102706	BMA109566	26%	75.3%	62.7%
ECO102706	CJU100383	37%	9.2%	7.0%
ECO102706	ECO101667	41%	97.5%	99.5%
ECO102706	ECO102706	100%	100%	100%
ECO102706	KPN303429	45%	10.9%	8.6%
ECO102706	LPN103326	26%	86.1%	74.7%
ECO102706	MCA100693	27%	85.2%	70.9%
ECO102706	MAV102272	27%	74.1%	76.0%
ECO102706	MBV104554	26%	74.6%	80.4%
ECO102706	MLP101354	27%	75.3%	77.2%
ECO102706	MTU200558	28%	75.8%	77.7%
ECO102706	NGO101376	27%	77.1%	58.8%
ECO102706	NME200707	27%	82.2%	65.3%
ECO102706	PAE202951	27%	84.1%	70.8%
ECO102706	PPU108891	27%	77.1%	66.1%
ECO102706	PSY104867	28%	74.8%	63.3%
ECO102714	ECO102714	100%	100%	100%
ECO102714	PAE204095	33%	87.8%	98.3%
ECO102714	SHA100148	34%	85.7%	95.1%
ECO102722	BAN100835	30%	63.1%	69.7%
ECO102722	BAN107688	32%	64.9%	67.2%
ECO102722	BFR104257	34%	73.0%	70.4%
ECO102722	CAC102158	26%	91.9%	87.7%
ECO102722	CBO100493	21%	94.6%	58.2%
ECO102722	CDF104542	30%	64.9%	61.4%
ECO102722	EFA200060	30%	73.0%	70%
ECO102722	EFM202176	30%	95.5%	91.2%
ECO102722	ECO102722	100%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102722	KPN301507	56%	96.4%	96.3%
ECO102722	LMO100551	30%	88.3%	85.2%
ECO102722	MBV101398	40%	65.8%	70.3%
ECO102722	MTU202763	40%	65.8%	70.3%
ECO102722	NGO101975	27%	95.5%	97.4%
ECO102722	NME200373	38%	64.9%	68.6%
ECO102722	SAU802068	25%	64.9%	65%
ECO102722	SEP201326	25%	64.9%	65%
ECO102722	SHA101049	23%	91.9%	88.4%
ECO102722	SMU101371	30%	90.1%	90.9%
ECO102736	BAN104134	38%	93.9%	96.9%
ECO102736	BAN100117	45%	93.0%	96.4%
ECO102736	BAN105510	51%	95.8%	93.6%
ECO102736	BAN111762	52%	95.8%	93.6%
ECO102736	CJU101531	49%	95.6%	98.6%
ECO102736	CDP101612	61%	97.2%	94.0%
ECO102736	EBC103670	93%	100%	99.5%
ECO102736	ECO102736	100%	100%	100%
ECO102736	HIN100275	59%	95.6%	97.8%
ECO102736	HPY100131	43%	94.9%	95.9%
ECO102736	KPN308636	92%	100%	100%
ECO102736	LPN103077	64%	99.5%	99.8%
ECO102736	PMU100037	58%	96.0%	98.3%
ECO102736	PRT103179	80%	99.5%	99.5%
ECO102736	PPU110333	64%	94.2%	100%
ECO102736	PSY103212	64%	93.7%	99.5%
ECO102736	SPA101480	94%	99.5%	100%
ECO102736	STY103893	95%	100%	100%
ECO102736	STM104294	95%	100%	100%
ECO102736	VCH101631	50%	99.5%	99.5%
ECO102736	YPS001136	82%	99.5%	98.8%
ECO102737	BCE106651	52%	99.6%	86.8%
ECO102737	BFU111678	51%	99.6%	93.7%
ECO102737	CDF102230	39%	99.8%	100%
ECO102737	EBC103668	94%	99.3%	100%
ECO102737	ECO102737	100%	100%	100%
ECO102737	KPN307371	92%	100%	100%
ECO102737	MLP101075	51%	99.6%	99.6%
ECO102737	NGO100729	51%	98.5%	96.3%
ECO102737	NME200054	49%	93.6%	96.1%
ECO102737	PRT100267	79%	100%	100%
ECO102737	PPU107497	54%	99.6%	99.6%
ECO102737	PSY104683	52%	99.6%	99.6%
ECO102737	STY103896	94%	100%	100%
ECO102737	STM104297	94%	100%	100%
ECO102737	SAU802530	33%	61.1%	92.0%
ECO102737	SEP201095	33%	61.1%	92.0%
ECO102737	SHA100506	33%	61.1%	92.3%
ECO102741	BFR10515	34%	92.7%	93.2%
ECO102741	BCE113397	39%	93.2%	89.3%
ECO102741	CJU100451	36%	88.8%	91.6%
ECO102741	CBO103139	22%	89.5%	94.7%
ECO102741	ECO102741	100%	100%	100%
ECO102741	HIN100590	34%	92.9%	96.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102741	HPY101157	35%	93.6%	97.3%
ECO102741	KPN309059	89%	100%	100%
ECO102741	NGO101858	31%	94.1%	93.2%
ECO102741	NME200657	31%	94.1%	97.5%
ECO102741	SPA104049	93%	94.1%	100%
ECO102741	STY103920	92%	100%	100%
ECO102744	BCE105647	36%	98.6%	96.0%
ECO102744	BFU109391	35%	98.6%	94.2%
ECO102744	BFU108766	36%	98.6%	89.5%
ECO102744	ECO102744	100%	100%	100%
ECO102744	HIN100592	61%	100%	98.6%
ECO102744	KPN307040	92%	100%	100%
ECO102744	SPA104052	91%	100%	100%
ECO102744	STY103924	91%	100%	100%
ECO102744	STM104325	91%	100%	100%
ECO102744	SPN401968	45%	98.6%	95.2%
ECO102749	EBC100951	86%	97.4%	98.7%
ECO102749	ECO102749	100%	100%	100%
ECO102749	KPN305190	84%	98.7%	97.4%
ECO102749	PMU101798	35%	71.1%	25.9%
ECO102749	PRT104389	44%	94.7%	97.4%
ECO102749	PSY107484	34%	57.9%	91.7%
ECO102749	SPA104038	93%	97.4%	98.7%
ECO102749	STY103939	93%	97.4%	98.7%
ECO102749	SEP203585	32%	94.7%	60.2%
ECO102763	EBC107113	56%	99.4%	93.3%
ECO102763	ECO102763	100%	100%	100%
ECO102763	KPN305145	49%	99.4%	84.2%
ECO102763	SPA106196	66%	99.4%	99.4%
ECO102763	STY104010	66%	99.4%	99.4%
ECO102763	VCH100842	22%	37.8%	32.1%
ECO102763	YPS004214	41%	29.5%	78.0%
ECO102764	ABA105245	60%	100%	100%
ECO102764	BAN100788	50%	99.2%	99.4%
ECO102764	BFR11837	66%	100%	100%
ECO102764	BPT100700	34%	100%	100%
ECO102764	BCE114856	33%	100%	95.3%
ECO102764	BFU101750	33%	100%	100%
ECO102764	BMA105484	35%	100%	100%
ECO102764	CAC100774	36%	99.6%	98.1%
ECO102764	CBO101177	21%	68.2%	54.6%
ECO102764	CDP100080	63%	98.9%	93.2%
ECO102764	EBC102732	95%	100%	100%
ECO102764	EFA201843	51%	98.9%	98.7%
ECO102764	EFM100074	44%	39.0%	97.5%
ECO102764	ECO102764	100%	100%	100%
ECO102764	HIN100884	33%	100%	100%
ECO102764	KPN305143	93%	100%	100%
ECO102764	LMO102901	50%	100%	100%
ECO102764	MCA101497	59%	100%	100%
ECO102764	MAV101962	67%	98.9%	97.7%
ECO102764	MBV103568	66%	98.9%	97.7%
ECO102764	MLP100936	66%	98.9%	97.7%
ECO102764	MTU202727	66%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102764	MGE100232	49%	100%	100%
ECO102764	MPN100516	49%	100%	87.5%
ECO102764	NGO100594	71%	100%	99.2%
ECO102764	NME201812	71%	100%	100%
ECO102764	PMU100079	33%	100%	100%
ECO102764	PRT100903	36%	100%	100%
ECO102764	PAE200341	69%	100%	100%
ECO102764	PPU102228	35%	100%	100%
ECO102764	PSY101984	35%	100%	100%
ECO102764	SPA102433	96%	100%	100%
ECO102764	STY104016	95%	100%	100%
ECO102764	SAU801427	51%	98.9%	97.5%
ECO102764	SEP200374	48%	98.9%	97.5%
ECO102764	SEP201188	48%	98.9%	97.5%
ECO102764	SHA101980	49%	98.9%	97.5%
ECO102764	SMU100950	29%	97.3%	96.1%
ECO102764	SPN400585	30%	95.1%	89.2%
ECO102764	SPY200657	30%	93.6%	92.1%
ECO102764	VCH100662	32%	100%	100%
ECO102764	YPS002874	88%	100%	100%
ECO102768	EBC103078	83%	97.8%	100%
ECO102768	ECO102768	100%	100%	100%
ECO102768	HIN100383	61%	92.6%	95.1%
ECO102768	KPN301609	84%	97.8%	97.0%
ECO102768	LPN100331	48%	93.9%	96.4%
ECO102768	PMU101067	58%	94.8%	97.7%
ECO102768	PRT100191	75%	94.3%	96%
ECO102768	SPA102493	86%	100%	100%
ECO102768	STY104040	88%	100%	99.1%
ECO102768	STM100058	88%	100%	99.1%
ECO102768	VCH100655	62%	94.3%	97.7%
ECO102768	YPS002878	72%	96.1%	96.5%
ECO102783	ECO102783	100%	100%	100%
ECO102783	SPA104199	38%	82.6%	92.6%
ECO102783	STY104456	39%	82.6%	92.7%
ECO102783	STM100042	39%	82.6%	92.7%
ECO102783	UUR100311	26%	38.3%	45.7%
ECO102787	CBO101785	24%	75.7%	47.3%
ECO102787	ECO102787	100%	100%	100%
ECO102788	BMA103545	36%	92.0%	87.1%
ECO102788	CPN201041	24%	50.9%	35.9%
ECO102788	CTR200854	21%	54.0%	35.8%
ECO102788	ECO102788	100%	100%	100%
ECO102788	PRT103050	35%	89.0%	83.7%
ECO102788	PAE201706	27%	70.6%	68.3%
ECO102788	SPA104004	37%	85.9%	84.2%
ECO102788	STY103261	37%	85.9%	84.2%
ECO102788	STM103969	20%	73.6%	78.3%
ECO102802	ABA100552	26%	97.6%	93.9%
ECO102802	BPT101760	31%	98.8%	95.3%
ECO102802	BMA108998	28%	96.4%	92.2%
ECO102802	CBO101375	46%	99.9%	98.3%
ECO102802	EFA201637	30%	97.9%	79.2%
ECO102802	ECO102802	100%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102802	MBV100418	29%	98.9%	95.4%
ECO102802	MTU200372	29%	98.9%	95.4%
ECO102802	TPA100078	20%	48.8%	46.9%
ECO102814	CBO103064	43%	98.3%	99.0%
ECO102814	EFA201627	44%	95.0%	95.3%
ECO102814	ECO102814	100%	100%	100%
ECO102815	BFU100618	24%	89.2%	92.8%
ECO102815	CBO101548	33%	89.4%	94.6%
ECO102815	CDF100946	24%	89.2%	95.0%
ECO102815	CDF102110	35%	89.7%	94.8%
ECO102815	EBC104972	22%	88.8%	81.8%
ECO102815	EFA201626	34%	89.9%	94.6%
ECO102815	ECO102815	100%	100%	100%
ECO102815	KPN304250	22%	94.4%	99.4%
ECO102815	PRT100066	23%	93.1%	91.2%
ECO102815	YPS002667	21%	77.8%	84.6%
ECO102817	CDF100372	31%	9.9%	89.7%
ECO102817	CDF100786	36%	78.9%	99.9%
ECO102817	CDF103342	34%	82.2%	98.7%
ECO102817	CDF100973	34%	82.5%	98.8%
ECO102817	ECO102817	100%	100%	100%
ECO102817	MAV104590	26%	8.9%	42.2%
ECO102817	PAE201522	26%	83.4%	96.2%
ECO102819	ABA105065	62%	97.5%	97.1%
ECO102819	BAN109973	25%	39.4%	94.4%
ECO102819	BAN108621	25%	51.5%	91.1%
ECO102819	BAN113546	25%	63.3%	87.3%
ECO102819	BFR102598	35%	16.2%	16.3%
ECO102819	BPT101914	23%	74.5%	72.6%
ECO102819	BCE107325	50%	94.5%	97.4%
ECO102819	BFU104800	47%	98.2%	95.8%
ECO102819	BMA103965	48%	94.8%	95.4%
ECO102819	CJU100060	23%	84.7%	91.9%
ECO102819	CAC102908	31%	99.1%	99.1%
ECO102819	CDF102112	32%	98.4%	99.5%
ECO102819	EBC101322	59%	97.3%	100%
ECO102819	EFA200357	30%	83.4%	83.7%
ECO102819	ECO102819	100%	100%	100%
ECO102819	HPY100263	20%	78.6%	84.6%
ECO102819	KPN301122	58%	97.3%	97.9%
ECO102819	LPN100461	28%	94.8%	97.5%
ECO102819	MCA101946	27%	26.7%	26.9%
ECO102819	MAV104895	37%	10.3%	8.2%
ECO102819	MBV100021	40%	10.3%	8.5%
ECO102819	MTU202019	40%	10.3%	8.2%
ECO102819	PAE201520	57%	96.1%	97.5%
ECO102819	PPU107264	55%	98.4%	99.3%
ECO102819	PSY103885	54%	99.5%	99.8%
ECO102819	SPN401213	25%	81.3%	72.3%
ECO102819	SPY201589	34%	11.4%	11.7%
ECO102827	ABA101939	69%	99.5%	100%
ECO102827	BAN110383	35%	98.6%	99.7%
ECO102827	BAN112271	45%	98.9%	99.2%
ECO102827	BFR11646	44%	96.4%	99.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102827	BPT101803	64%	98.9%	98.4%
ECO102827	BBU100074	48%	93.2%	96.8%
ECO102827	BCE103450	62%	99.2%	98.6%
ECO102827	BFU108643	64%	76.7%	100%
ECO102827	BMA102879	62%	99.2%	98.6%
ECO102827	CJU101373	49%	90.7%	90.4%
ECO102827	CPN300572	47%	93.4%	98%
ECO102827	CTR100183	44%	97.0%	96.7%
ECO102827	CAC100933	48%	86.8%	96.7%
ECO102827	CBO100813	47%	88.2%	99.1%
ECO102827	CDF101444	44%	98.6%	99.7%
ECO102827	CDP101706	45%	91.0%	79.4%
ECO102827	EBC102997	96%	100%	100%
ECO102827	EFA200592	48%	98.9%	99.2%
ECO102827	ECO102827	100%	100%	100%
ECO102827	HPY100168	49%	96.7%	97.0%
ECO102827	KPN303319	96%	87.7%	100%
ECO102827	LPN101389	73%	100%	100%
ECO102827	LMO101259	49%	87.7%	98.2%
ECO102827	MCA101198	63%	80%	100%
ECO102827	MAV104984	44%	92.6%	87.2%
ECO102827	MBV105866	44%	92.6%	90.2%
ECO102827	MLP100413	43%	92.6%	92.0%
ECO102827	MTU203065	44%	92.6%	90.2%
ECO102827	NGO100784	64%	99.2%	98.6%
ECO102827	NME200212	64%	99.2%	98.6%
ECO102827	PMU100190	82%	87.7%	100%
ECO102827	PRT100475	90%	87.7%	100%
ECO102827	PAE100476	68%	99.5%	100%
ECO102827	PPU100841	70%	99.5%	100%
ECO102827	PSY108064	65%	99.5%	100%
ECO102827	SPA102977	95%	100%	100%
ECO102827	STY104137	95%	100%	100%
ECO102827	SAU800754	45%	88.2%	98.2%
ECO102827	SEP201383	48%	88.2%	97.3%
ECO102827	SHA101268	47%	88.2%	97.6%
ECO102827	SMU100349	44%	88.2%	98.8%
ECO102827	SPN400665	46%	88.5%	97.9%
ECO102827	SPY200463	44%	91.0%	98.2%
ECO102827	TPA100569	46%	93.2%	92.4%
ECO102827	YPS000161	88%	100%	100%
ECO102828	ABA101961	44%	98.4%	98.8%
ECO102828	BAN104770	24%	89.4%	63.9%
ECO102828	BAN102480	32%	96.0%	68.9%
ECO102828	BFR100673	31%	90.8%	99.8%
ECO102828	BPT101805	46%	99.1%	99.1%
ECO102828	BBU100253	38%	80.2%	81.9%
ECO102828	BCE102975	34%	18.4%	97.0%
ECO102828	BFU108641	48%	95.7%	95.8%
ECO102828	BMA106924	48%	95.7%	95.9%
ECO102828	CJU100028	29%	90.3%	93.5%
ECO102828	CPN200184	28%	89.4%	86.2%
ECO102828	CTR200722	30%	95.7%	93.6%
ECO102828	CAC102562	30%	95.1%	95.6%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102828	CBO101432	30%	99.1%	97.8%
ECO102828	CDF100497	30%	99.5%	68.6%
ECO102828	EBC102952	87%	78.9%	100%
ECO102828	EFA201172	32%	95.5%	68.6%
ECO102828	EFM100083	33%	48.2%	92.7%
ECO102828	ECO102828	100%	100%	100%
ECO102828	HIN101186	58%	96.0%	96.3%
ECO102828	HPY100344	31%	79.7%	83.9%
ECO102828	KPN303321	88%	99.8%	99.8%
ECO102828	LPN103347	51%	98.8%	98.8%
ECO102828	LMO102252	33%	88.9%	62.7%
ECO102828	MCA101569	42%	95.1%	92.9%
ECO102828	NGO100971	48%	96.2%	95.9%
ECO102828	NME200968	48%	96.2%	95.9%
ECO102828	PMU100192	60%	96.0%	96.3%
ECO102828	PRT103507	62%	98.8%	98.6%
ECO102828	PAE203722	58%	99.1%	99.8%
ECO102828	PPU107844	56%	99.1%	99.8%
ECO102828	PSY104923	57%	99.1%	99.8%
ECO102828	SPA102978	84%	100%	100%
ECO102828	STY104138	91%	100%	100%
ECO102828	SAU801636	32%	96.0%	70.3%
ECO102828	SEP201590	31%	97.6%	71.5%
ECO102828	SHA101075	32%	97.6%	71.5%
ECO102828	SMU100405	32%	95.3%	71.8%
ECO102828	SPN400537	33%	95.7%	71.1%
ECO102828	SPY200696	31%	94.3%	70.8%
ECO102828	TPA100696	27%	2.1%	20.3%
ECO102828	VCH102382	63%	98.8%	98.5%
ECO102828	YPS000162	75%	99.8%	99.8%
ECO102832	EBC102958	80%	99.3%	99.3%
ECO102832	ECO102832	100%	100%	100%
ECO102832	KPN303342	72%	99.3%	99.3%
ECO102832	PRT102348	38%	96.3%	97.0%
ECO102832	SPA102982	83%	97.0%	95.6%
ECO102832	STY104152	80%	83.7%	98.3%
ECO102832	YPS000169	52%	94.8%	92.2%
ECO102833	ABA104232	34%	59.1%	52.5%
ECO102833	ABA100192	33%	70.5%	72.9%
ECO102833	BPT105896	32%	87.5%	89.5%
ECO102833	BCE102877	39%	71.6%	70.8%
ECO102833	BFU110742	32%	81.8%	84.4%
ECO102833	BMA108958	39%	71.6%	70%
ECO102833	EBC102960	89%	100%	100%
ECO102833	ECO102833	100%	100%	100%
ECO102833	HIN100608	56%	83.0%	85.9%
ECO102833	KPN303344	88%	100%	100%
ECO102833	LPN100900	41%	81.8%	91.1%
ECO102833	MCA102471	33%	75%	75%
ECO102833	NGO101277	33%	81.8%	87.8%
ECO102833	NME201059	33%	81.8%	87.8%
ECO102833	PMU101790	54%	83.0%	86.9%
ECO102833	PRT102346	78%	94.3%	89.2%
ECO102833	PAE200759	45%	81.8%	85.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102833	PPU107872	41%	81.8%	85.7%
ECO102833	PSY102332	44%	81.8%	85.7%
ECO102833	SPA102972	93%	100%	100%
ECO102833	STY104153	93%	100%	100%
ECO102833	VCH102435	57%	85.2%	87.2%
ECO102833	YPS000170	81%	100%	100%
ECO102834	ABA100533	24%	72.4%	75.4%
ECO102834	BPT101177	31%	89.3%	89.3%
ECO102834	BCE101423	24%	40.2%	97.8%
ECO102834	BFU101500	28%	92.9%	84.8%
ECO102834	BMA108730	28%	92.3%	87.4%
ECO102834	CDP100504	29%	31.9%	26.3%
ECO102834	EBC102962	85%	100%	100%
ECO102834	ECO102834	100%	100%	100%
ECO102834	HIN100446	37%	93.6%	98.6%
ECO102834	KPN303346	82%	100%	99.7%
ECO102834	LPN101317	24%	69.9%	63.6%
ECO102834	MCA102416	23%	92.9%	97.9%
ECO102834	NGO100033	24%	82.5%	86.8%
ECO102834	NME201332	23%	82.5%	86.8%
ECO102834	PMU101874	37%	92.3%	94.2%
ECO102834	PRT102360	59%	97.5%	97.3%
ECO102834	PAE200758	31%	91.1%	93.3%
ECO102834	PPU103341	31%	91.1%	93.3%
ECO102834	PSY102335	32%	92.9%	94.6%
ECO102834	SPA102974	84%	100%	100%
ECO102834	STY104154	85%	100%	100%
ECO102834	STM100447	85%	100%	100%
ECO102834	VCH102436	41%	94.5%	93.5%
ECO102834	YPS000171	68%	99.1%	98.2%
ECO102839	ABA101985	21%	15.0%	33.5%
ECO102839	BAN111848	37%	41.3%	81.6%
ECO102839	BAN103164	40%	43.8%	83.9%
ECO102839	BFR105629	61%	37.1%	100%
ECO102839	BPT101500	58%	98.5%	98.8%
ECO102839	BCE101816	65%	35.5%	99.7%
ECO102839	BFU113866	59%	99.7%	98.5%
ECO102839	BMA101641	59%	99.6%	98.4%
ECO102839	CBO103893	40%	14.5%	60.3%
ECO102839	CDF104582	40%	15.0%	56.9%
ECO102839	EBC102216	89%	62.8%	100%
ECO102839	ECO102839	100%	100%	100%
ECO102839	KPN302321	91%	100%	100%
ECO102839	LPN103285	43%	35.6%	89.4%
ECO102839	LMO101451	42%	18.6%	52.9%
ECO102839	MCA102219	58%	99.5%	99.4%
ECO102839	MAV102690	57%	6.5%	61.9%
ECO102839	MBV101231	54%	99.2%	99.9%
ECO102839	MLP101253	53%	98.5%	98.6%
ECO102839	MTU201799	54%	99.2%	99.9%
ECO102839	NGO100494	58%	99.6%	99.7%
ECO102839	NME201783	58%	99.6%	99.7%
ECO102839	PRT105559	78%	100%	100%
ECO102839	PAE205208	65%	99.9%	99.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102839	PPU102796	64%	99.7%	99.5%
ECO102839	PSY104260	60%	99.4%	99.3%
ECO102839	SPA102064	92%	69.9%	100%
ECO102839	STY104159	95%	100%	100%
ECO102839	SAU801535	40%	21.2%	47.6%
ECO102839	SEP200942	39%	46.5%	87.5%
ECO102839	SHA100981	40%	19.5%	50.6%
ECO102839	YPS000177	83%	100%	100%
ECO102842	ABA100860	36%	98%	97.3%
ECO102842	BAN109853	21%	78%	82.4%
ECO102842	BAN110803	22%	78%	82.5%
ECO102842	BCE103921	33%	97.2%	98.0%
ECO102842	BFU102513	34%	97.5%	98.7%
ECO102842	BMA106019	34%	97.5%	98.0%
ECO102842	EBC102213	82%	100%	100%
ECO102842	ECO102842	100%	100%	100%
ECO102842	KPN302315	86%	100%	100%
ECO102842	LPN101662	39%	97.8%	99.5%
ECO102842	MCA100913	33%	86.8%	84.3%
ECO102842	NGO101638	27%	96.8%	98.7%
ECO102842	NME202001	28%	96.8%	98.7%
ECO102842	PMU101726	52%	98%	100%
ECO102842	PRT102355	65%	100%	97.6%
ECO102842	PAE205216	45%	98%	98.0%
ECO102842	PPU102206	45%	98.2%	97.8%
ECO102842	PSY101343	45%	83.8%	98.8%
ECO102842	SPA100602	83%	94.2%	100%
ECO102842	STY104163	87%	100%	100%
ECO102842	VCH102438	56%	99.2%	97.1%
ECO102842	YPS000180	71%	99.8%	99.0%
ECO102847	ABA105202	47%	38.5%	60.9%
ECO102847	BAN105088	29%	95.6%	88.5%
ECO102847	BFR101447	32%	74.7%	97.7%
ECO102847	BPT105849	29%	96.2%	80.1%
ECO102847	BCE106510	29%	96.2%	87.6%
ECO102847	BFU103183	32%	80.2%	69.8%
ECO102847	BMA109897	32%	96.2%	86.9%
ECO102847	CJU101133	39%	18.1%	15.9%
ECO102847	CPN201090	27%	92.3%	88.3%
ECO102847	CTR200018	28%	91.2%	87.1%
ECO102847	CAC100796	25%	93.4%	91.2%
ECO102847	CBO101645	25%	92.9%	90.8%
ECO102847	CDF100385	31%	80.2%	76.2%
ECO102847	CDP100143	31%	45.6%	40.8%
ECO102847	EBC103700	85%	100%	91.9%
ECO102847	EFA200313	28%	87.9%	85.6%
ECO102847	EFM100240	33%	73.6%	70.6%
ECO102847	ECO102847	100%	100%	100%
ECO102847	HIN100838	53%	92.9%	90.4%
ECO102847	HPY100748	29%	51.1%	45.5%
ECO102847	KPN303078	80%	99.5%	91.4%
ECO102847	LPN101529	35%	98.4%	90.7%
ECO102847	LMO101273	27%	71.4%	71.5%
ECO102847	MCA102486	33%	47.3%	95.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102847	MAV101485	29%	81.3%	76.0%
ECO102847	MBV100624	28%	78.6%	64.6%
ECO102847	MLP100128	28%	79.7%	74.1%
ECO102847	MTU200981	28%	78.6%	73.1%
ECO102847	MGE100249	33%	35.7%	38.2%
ECO102847	MPN100488	35%	36.8%	39.6%
ECO102847	NGO100917	31%	78.6%	75.1%
ECO102847	NME200308	26%	97.8%	92.2%
ECO102847	PMU101721	53%	95.1%	91.1%
ECO102847	PRT100675	56%	99.5%	88.3%
ECO102847	PAE205223	39%	95.6%	87.7%
ECO102847	PPU102242	40%	96.2%	88.6%
ECO102847	PSY101332	37%	94.5%	96.2%
ECO102847	SPA101441	82%	100%	100%
ECO102847	STY104168	86%	100%	100%
ECO102847	STM100485	86%	100%	100%
ECO102847	SAU801550	29%	77.5%	74.3%
ECO102847	SEP200967	24%	95.1%	90.2%
ECO102847	SHA101021	30%	77.5%	74.9%
ECO102847	SMU100642	33%	59.9%	58.4%
ECO102847	SPN401902	35%	92.3%	88.4%
ECO102847	TPA100686	33%	37.4%	32%
ECO102847	VCH102443	57%	99.5%	94.3%
ECO102847	YPS000185	69%	99.5%	91.4%
ECO102852	BFR100860	60%	99.2%	97.2%
ECO102852	BFU115799	35%	95.0%	46.1%
ECO102852	CAC100955	27%	15.4%	61.0%
ECO102852	CDP100186	60%	96.5%	95.1%
ECO102852	ECO102852	100%	100%	100%
ECO102852	MAV101088	60%	96.8%	93.3%
ECO102852	MBV102766	60%	96.8%	93.3%
ECO102852	MLP101093	62%	94.7%	90.1%
ECO102852	MTU201472	60%	96.8%	93.3%
ECO102852	NGO101266	37%	7.3%	34.0%
ECO102857	ABA105537	20%	51.6%	53.6%
ECO102857	BAN102598	28%	49.2%	72.3%
ECO102857	BAN112147	24%	62.6%	69.7%
ECO102857	EBC103707	82%	100%	100%
ECO102857	ECO102857	100%	100%	100%
ECO102857	KPN303070	85%	99.2%	100%
ECO102857	MAV100904	29%	76.0%	79.5%
ECO102857	MBV102375	26%	50%	74.3%
ECO102857	MTU203571	26%	65.4%	68.8%
ECO102857	PRT101295	51%	94.7%	98.8%
ECO102857	SPA100221	86%	54.5%	98.5%
ECO102857	STY104484	88%	99.6%	99.2%
ECO102857	VCH100478	37%	85.0%	87.4%
ECO102857	YPS000189	63%	94.7%	92.7%
ECO102868	ABA103851	31%	14.3%	56.3%
ECO102868	ECO102868	100%	100%	100%
ECO102868	MBV106174	27%	18.4%	18.2%
ECO102868	MTU200037	27%	18.4%	17.7%
ECO102869	EFA202092	32%	96.6%	22.6%
ECO102869	BFM200261	38%	98.6%	21.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102869	ECO102869	100%	100%	100%
ECO102869	KPN201713	38%	96.6%	98.6%
ECO102869	LMO101172	37%	98.0%	98.0%
ECO102869	SAU800331	35%	95.2%	95.2%
ECO102869	SPN401937	34%	85.7%	18.8%
ECO102869	SPY201502	37%	97.3%	21.6%
ECO102870	ABA100381	68%	99.5%	98.9%
ECO102870	BAN111549	52%	49.5%	87.1%
ECO102870	BAN102492	50%	98.8%	96.5%
ECO102870	BPT100911	63%	99.1%	98.5%
ECO102870	BCE113404	63%	99.1%	96.1%
ECO102870	BFU111408	60%	98.9%	97.1%
ECO102870	BMA106204	63%	99.1%	96.1%
ECO102870	CJU101551	44%	98.3%	98.1%
ECO102870	CAC101106	49%	98.8%	98.2%
ECO102870	CAC102328	50%	98.8%	98.2%
ECO102870	CDF103784	37%	41.2%	95.3%
ECO102870	CDP100257	45%	99.2%	95.9%
ECO102870	EBC103706	95%	100%	100%
ECO102870	EFA201838	50%	97.7%	98.8%
ECO102870	EFM100121	60%	24.4%	98.8%
ECO102870	ECO102870	100%	100%	100%
ECO102870	HIN101002	77%	100%	100%
ECO102870	KPN303075	95%	100%	100%
ECO102870	LPN102231	75%	28.7%	99.5%
ECO102870	LPN102506	58%	94.6%	98.0%
ECO102870	LMO101021	47%	99.4%	98.1%
ECO102870	MCA100777	67%	99.7%	97.8%
ECO102870	MGE100068	32%	97.6%	98.0%
ECO102870	MPN100073	33%	98.5%	98.9%
ECO102870	NGO100398	64%	99.2%	99.7%
ECO102870	NME201529	64%	99.2%	99.7%
ECO102870	PMU101242	75%	100%	100%
ECO102870	PMU101638	76%	100%	100%
ECO102870	PRT102791	81%	100%	99.8%
ECO102870	PAE200547	72%	100%	99.7%
ECO102870	PPU104660	72%	100%	99.7%
ECO102870	PSY103014	72%	97.3%	99.7%
ECO102870	SPA101296	94%	100%	100%
ECO102870	STY104533	95%	100%	100%
ECO102870	SAU801342	45%	98.6%	98.5%
ECO102870	SEP202003	45%	98.6%	98.5%
ECO102870	SHA100154	54%	40.7%	96.4%
ECO102870	SMU101576	49%	98.6%	98.9%
ECO102870	SPN401839	49%	98.6%	98.9%
ECO102870	SPY201289	51%	98.6%	91.4%
ECO102870	UUR100593	33%	97.7%	98.3%
ECO102870	VCH103347	78%	99.7%	97.4%
ECO102870	VCH100468	78%	100%	95.7%
ECO102870	YPS000208	86%	100%	99.8%
ECO102872	ABA105768	24%	82.0%	84.0%
ECO102872	BAN107335	28%	66.7%	79.1%
ECO102872	BAN106751	36%	88.2%	92.8%
ECO102872	BPT102032	36%	86.9%	91.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102872	BCE104852	49%	97.1%	86.7%
ECO102872	BFU102304	50%	88.6%	84.8%
ECO102872	BMA100624	42%	91.5%	90.2%
ECO102872	CAC101176	27%	81.4%	93.3%
ECO102872	CDF103020	27%	95.1%	99.3%
ECO102872	EBC103712	97%	88.6%	100%
ECO102872	ECO102872	100%	100%	100%
ECO102872	KPN303054	98%	100%	100%
ECO102872	LPN100482	25%	81.7%	81.6%
ECO102872	MCA103142	28%	57.2%	65.2%
ECO102872	NGO101601	73%	99.0%	98.7%
ECO102872	NME201862	73%	99.0%	98.7%
ECO102872	PMU101381	71%	99.3%	99.3%
ECO102872	PRT101181	81%	98.7%	98.7%
ECO102872	PAE201420	40%	91.5%	90.6%
ECO102872	PPU106459	55%	88.2%	84.4%
ECO102872	SPA102479	94%	72.5%	100%
ECO102872	STY104539	98%	100%	100%
ECO102872	STM102066	23%	82.4%	79.9%
ECO102872	SAU802164	27%	63.1%	71.5%
ECO102872	SEP200453	22%	80.1%	78.5%
ECO102872	SHA102088	22%	80.1%	78.5%
ECO102872	SPY201597	24%	83.3%	80.2%
ECO102872	VCH103534	60%	99.3%	98.7%
ECO102878	CPN200131	30%	20.5%	18.7%
ECO102878	CTR100845	31%	18.1%	19.5%
ECO102878	EBC106015	95%	100%	100%
ECO102878	EFM201679	42%	43.8%	90.9%
ECO102878	ECO102878	100%	100%	100%
ECO102878	KPN201723	92%	97.6%	100%
ECO102878	MAV101739	36%	91.8%	94.4%
ECO102878	MBV105298	31%	87.3%	94.4%
ECO102878	MTU203288	32%	91.8%	84.5%
ECO102878	PSY104242	33%	87.3%	96.9%
ECO102878	SPA102475	97%	97.6%	100%
ECO102878	STY104560	97%	100%	100%
ECO102878	STM100573	97%	100%	100%
ECO102878	SEP202196	39%	94.8%	97.8%
ECO102880	BAN108721	29%	27.7%	28.1%
ECO102880	BAN109561	30%	46.8%	45.1%
ECO102880	BPT100275	46%	94.5%	94.2%
ECO102880	EBC106749	85%	100%	100%
ECO102880	ECO102880	100%	100%	100%
ECO102880	KPN302103	85%	100%	100%
ECO102880	MBV105139	32%	26.4%	22.8%
ECO102880	MTU202934	32%	26.4%	22.8%
ECO102880	PRT101790	54%	87.2%	65.5%
ECO102880	PAE202747	50%	94.9%	91.1%
ECO102880	PPU106584	56%	82.1%	68.4%
ECO102880	PSY102563	52%	95.7%	95.3%
ECO102880	SPA102539	83%	100%	100%
ECO102880	STY104564	87%	100%	100%
ECO102880	STM100577	87%	100%	100%
ECO102880	VCH100465	61%	97.9%	98.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102880	YPS000219	79%	91.1%	91.1%
ECO102885	ABA100701	46%	95.0%	88.4%
ECO102885	BMA106277	36%	81.8%	76.6%
ECO102885	CAC102187	43%	92.1%	90.3%
ECO102885	CBO103281	43%	93.8%	89.9%
ECO102885	CDF101037	39%	95.6%	91.7%
ECO102885	EBC103404	72%	95.6%	100%
ECO102885	ECO102885	100%	100%	100%
ECO102885	KPN302118	71%	100%	100%
ECO102885	LPN103418	45%	92.4%	92.4%
ECO102885	MCA102746	46%	95.3%	95.1%
ECO102885	MBV104192	30%	48.7%	43.2%
ECO102885	MTU203605	30%	48.7%	47.4%
ECO102885	NGO101966	47%	95.0%	94.5%
ECO102885	NME200207	48%	95.0%	94.5%
ECO102885	PRT105772	51%	95.6%	97.6%
ECO102885	PAE200394	46%	95.0%	95.1%
ECO102885	PPU102683	46%	92.1%	95.5%
ECO102885	PSY103723	47%	95.0%	95.1%
ECO102885	SPA102545	78%	100%	100%
ECO102885	STY104579	78%	95.6%	100%
ECO102885	VCH100457	49%	95.0%	94.8%
ECO102885	YPS000233	56%	93.8%	90.5%
ECO102920	ECO102918	34%	93.9%	87.3%
ECO102920	ECO102919	36%	92.6%	91.6%
ECO102920	ECO102920	100%	100%	100%
ECO102921	ABA103557	42%	98.6%	89.0%
ECO102921	BAN112240	37%	28.5%	5.3%
ECO102921	BAN111707	34%	89.6%	86.5%
ECO102921	BFR102762	30%	17.8%	21.1%
ECO102921	BPT100941	54%	99.8%	99.6%
ECO102921	BCE106620	41%	97.2%	89.2%
ECO102921	BFU103359	50%	47.9%	59.9%
ECO102921	BMA109810	41%	96.2%	88.6%
ECO102921	CJU101119	25%	24.4%	86.0%
ECO102921	CPN200065	33%	93.2%	34.0%
ECO102921	CTR200064	37%	42.7%	24.4%
ECO102921	CAC101744	33%	96.6%	95.8%
ECO102921	CDP101483	36%	22.8%	38.6%
ECO102921	EBC103757	79%	100%	100%
ECO102921	EFA200337	30%	94.0%	94.4%
ECO102921	EFM100784	27%	22.6%	43.0%
ECO102921	ECO103416	80%	100%	100%
ECO102921	ECO102921	100%	100%	100%
ECO102921	HIN101571	30%	43.3%	35%
ECO102921	HPY101470	27%	28.5%	72.8%
ECO102921	KPN304763	80%	61.1%	100%
ECO102921	LPN103150	31%	32.1%	96.7%
ECO102921	LMO102163	35%	97.4%	97.0%
ECO102921	MCA100847	26%	31.3%	89.3%
ECO102921	MAV103930	28%	96.2%	78.0%
ECO102921	MBV104571	33%	94.2%	74.8%
ECO102921	MLP101343	29%	96.2%	77.8%
ECO102921	MTU200542	33%	94.2%	74.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102921	NGO100709	32%	46.7%	17.7%
ECO102921	NME201949	32%	39.9%	24.0%
ECO102921	PMU100249	32%	23.0%	32.4%
ECO102921	PRT103145	68%	100%	100%
ECO102921	PAE204290	52%	100%	100%
ECO102921	PPU103316	53%	100%	99.8%
ECO102921	PSY103947	52%	99.2%	99.0%
ECO102921	SPA101797	80%	100%	100%
ECO102921	STY100867	81%	100%	100%
ECO102921	STM103553	81%	100%	100%
ECO102921	SAU800664	35%	97.0%	97.9%
ECO102921	SEP200699	34%	96.2%	97.3%
ECO102921	SHA102241	33%	97.0%	97.9%
ECO102921	VCH102406	30%	97.6%	37.9%
ECO102921	YPS002478	70%	100%	100%
ECO102922	CAC100107	29%	20.4%	58.1%
ECO102922	EBC103186	82%	99.8%	99.5%
ECO102922	ECO102922	100%	100%	100%
ECO102922	KPN308954	84%	99.8%	99.5%
ECO102922	PRT100650	70%	98.2%	97.3%
ECO102922	SPA103864	86%	98.9%	98.4%
ECO102922	STY100405	90%	99.8%	99.8%
ECO102922	SHA102036	40%	9.9%	9.9%
ECO102922	VCH101551	29%	13.1%	56.6%
ECO102928	CBO100990	28%	100%	99.8%
ECO102928	ECO102928	100%	100%	100%
ECO102928	PRT101527	72%	100%	100%
ECO102928	SPA103628	90%	90.1%	98.8%
ECO102928	STY100430	93%	100%	100%
ECO102929	ECO102929	100%	100%	100%
ECO102929	LMO101092	25%	38.3%	97.1%
ECO102929	PRT105241	71%	95.9%	95.4%
ECO102929	SPA103626	93%	91.6%	100%
ECO102929	STY100431	96%	100%	100%
ECO102935	BFR12116	56%	94.5%	97.3%
ECO102935	BCE112705	66%	99.4%	98.6%
ECO102935	BFU106872	66%	99.4%	98.6%
ECO102935	BMA107444	67%	99.4%	92.7%
ECO102935	CDP100172	56%	97.4%	94.2%
ECO102935	EBC103723	87%	100%	100%
ECO102935	EFM201542	56%	95.1%	99.1%
ECO102935	ECO102935	100%	100%	100%
ECO102935	KPN301761	59%	96.2%	99.7%
ECO102935	PSY103084	66%	99.4%	99.1%
ECO102935	SPA100617	70%	49.1%	89.5%
ECO102935	STY101139	60%	95.1%	97.9%
ECO102935	STM100906	60%	95.1%	97.9%
ECO102935	SMU100710	25%	77.7%	91.9%
ECO102935	YPS000578	55%	96.2%	100%
ECO102949	ABA105590	62%	98.5%	55.0%
ECO102949	BFR103517	42%	80.9%	54.7%
ECO102949	BFU107731	35%	10.2%	8.2%
ECO102949	CBO100864	42%	85.0%	53.7%
ECO102949	CDF100913	39%	96.1%	61.2%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102949	EBC103718	92%	79.4%	96.5%
ECO102949	ECO102949	100%	100%	100%
ECO102949	KPN306892	92%	98.8%	54.3%
ECO102949	PAE204923	64%	96.9%	56.1%
ECO102949	PPU107577	62%	99.3%	57.6%
ECO102949	PSY101911	64%	98.8%	100%
ECO102949	SPA105251	92%	94.4%	54.8%
ECO102949	STY100457	93%	96.1%	54.9%
ECO102949	VCH101683	64%	99.8%	52.3%
ECO102950	CPN200382	36%	17.8%	13.9%
ECO102950	EBC102780	93%	98.5%	100%
ECO102950	ECO102950	100%	100%	100%
ECO102950	NME300608	27%	21.2%	89.6%
ECO102950	PSY108481	65%	96.6%	100%
ECO102966	ABA103592	36%	94.2%	94.8%
ECO102966	BAN108519	21%	72%	24.7%
ECO102966	BPT102066	40%	94.5%	87.7%
ECO102966	BCE110576	31%	76.4%	80.5%
ECO102966	BFU110089	27%	76.4%	76.4%
ECO102966	BMA100363	29%	66.5%	52.5%
ECO102966	CPN200952	28%	54.5%	54.9%
ECO102966	CTR200130	28%	57.1%	58.6%
ECO102966	EBC103928	85%	100%	100%
ECO102966	EFM201047	24%	74.9%	76.0%
ECO102966	ECO102966	100%	100%	100%
ECO102966	HIN100379	53%	94.9%	95.3%
ECO102966	KPN309045	83%	100%	100%
ECO102966	MCA103602	31%	90.2%	92.8%
ECO102966	MAV105050	21%	72%	68.5%
ECO102966	MBV103054	33%	61.1%	60.9%
ECO102966	MLP101322	30%	75.6%	66.9%
ECO102966	MTU200799	31%	75.6%	67.0%
ECO102966	PMU101019	54%	94.5%	94.9%
ECO102966	PRT100350	62%	100%	100%
ECO102966	PAE204964	43%	96.7%	97.1%
ECO102966	PPU104681	42%	94.9%	96.6%
ECO102966	PSY101033	45%	97.8%	94.7%
ECO102966	SPA103721	91%	100%	100%
ECO102966	STY100734	92%	100%	100%
ECO102966	SHA102882	31%	20%	20.6%
ECO102966	VCH102398	53%	96%	97.1%
ECO102966	YPS001992	70%	100%	100%
ECO102967	EBC103926	95%	99.3%	99.3%
ECO102967	ECO102967	100%	100%	100%
ECO102967	KPN309071	92%	99.3%	99.3%
ECO102967	PAE204965	37%	98.6%	93.4%
ECO102967	PPU104679	35%	94.3%	91.9%
ECO102967	PSY101043	36%	94.3%	84.0%
ECO102967	SPA103719	95%	100%	100%
ECO102967	STY100736	95%	100%	100%
ECO102967	VCH102399	50%	98.6%	92.6%
ECO102967	YPS001991	79%	98.6%	97.9%
ECO102986	BPT100204	51%	62.7%	95.2%
ECO102986	BCE105324	49%	63.3%	95.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102986	BFU103929	53%	68.8%	98.2%
ECO102986	BMA102492	48%	64.2%	93.0%
ECO102986	CJU101075	42%	97.9%	98.5%
ECO102986	EBC103920	94%	99.8%	100%
ECO102986	ECO102986	100%	100%	100%
ECO102986	HIN101495	71%	97.7%	97.9%
ECO102986	HPY100845	40%	96.6%	98.5%
ECO102986	KPN308271	92%	99.4%	99.4%
ECO102986	LMO101198	33%	26.6%	95.3%
ECO102986	MAV104245	46%	26.6%	93.4%
ECO102986	MLP100531	25%	52.8%	76.5%
ECO102986	NGO100932	50%	64.6%	95.9%
ECO102986	NME200956	50%	64.8%	95.4%
ECO102986	PMU100884	69%	98.3%	98.5%
ECO102986	PRT102176	82%	99.2%	99.8%
ECO102986	PAE204991	57%	99.2%	99.6%
ECO102986	PPU104725	56%	98.5%	100%
ECO102986	PSY101063	58%	99.0%	99.4%
ECO102986	SPA102480	93%	97.5%	100%
ECO102986	STY100790	93%	99.8%	99.8%
ECO102986	SAU800641	30%	27.5%	94.7%
ECO102986	SEP200670	31%	27.5%	94.7%
ECO102986	YPS001982	86%	99.6%	99.8%
ECO102990	ABA100117	56%	90.5%	98.2%
ECO102990	BFR104611	31%	74.0%	65.5%
ECO102990	BPT100463	45%	82.0%	81.6%
ECO102990	BCE100277	53%	97.3%	98.3%
ECO102990	BFU103175	54%	97.1%	98.8%
ECO102990	BMA101052	53%	97.3%	98.3%
ECO102990	CJU100728	35%	50%	54.0%
ECO102990	CAC103726	23%	74.0%	68.8%
ECO102990	CDP101606	30%	75.2%	64.6%
ECO102990	EBC101436	87%	97.6%	100%
ECO102990	ECO102990	100%	100%	100%
ECO102990	HIN101573	58%	98.1%	98.6%
ECO102990	KPN304100	86%	100%	99.8%
ECO102990	LPN102504	55%	98.1%	99.0%
ECO102990	MCA100227	40%	90.5%	89.5%
ECO102990	MAV103429	30%	75.2%	66.7%
ECO102990	MBV106184	30%	72.8%	64.8%
ECO102990	MLP101592	28%	88.8%	84.8%
ECO102990	MTU203852	30%	72.8%	64.8%
ECO102990	NGO100210	54%	97.3%	97.8%
ECO102990	NME201288	54%	97.3%	96.2%
ECO102990	PMU100247	59%	99.5%	98.8%
ECO102990	PRT100516	68%	98.5%	99.8%
ECO102990	PAE200583	60%	98.8%	99.3%
ECO102990	PPU100635	49%	98.1%	99.5%
ECO102990	PSY103399	56%	98.1%	98.8%
ECO102990	SPA101468	85%	98.3%	100%
ECO102990	STY100798	89%	99.8%	99.5%
ECO102990	STM101254	90%	99.8%	99.5%
ECO102990	VCH102410	61%	97.1%	99.3%
ECO102990	YPS001978	72%	98.3%	98.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO102999	BAN101878	64%	54.9%	86.7%
ECO102999	BAN111500	60%	70.4%	87.7%
ECO102999	BFR101607	39%	74.6%	67.9%
ECO102999	BPT103142	60%	100%	100%
ECO102999	BBU100255	37%	97.2%	100%
ECO102999	BCE106500	61%	100%	100%
ECO102999	BFU102600	68%	84.5%	85.7%
ECO102999	BMA102838	68%	84.5%	85.7%
ECO102999	CJU100338	44%	98.6%	100%
ECO102999	CPN200733	40%	83.1%	100%
ECO102999	CTR200610	42%	78.9%	94.8%
ECO102999	CAC101256	58%	81.7%	100%
ECO102999	CBO102486	55%	81.7%	100%
ECO102999	CDF100846	50%	83.1%	100%
ECO102999	EBC104303	100%	90.1%	98.5%
ECO102999	EFA200381	62%	70.4%	86.2%
ECO102999	EFM103017	55%	40.8%	90.6%
ECO102999	ECO102999	100%	100%	100%
ECO102999	HIN100510	83%	100%	100%
ECO102999	HPY100555	44%	98.6%	100%
ECO102999	KPN204459	100%	100%	100%
ECO102999	LPN101208	68%	63.4%	78.9%
ECO102999	LMO101512	56%	70.4%	87.7%
ECO102999	MCA101455	67%	100%	100%
ECO102999	NGO103576	68%	63.4%	81.8%
ECO102999	NME200467	70%	84.5%	85.7%
ECO102999	PMU101239	83%	100%	100%
ECO102999	PRT103336	95%	100%	100%
ECO102999	PAE200578	81%	100%	100%
ECO102999	PSY102551	80%	100%	100%
ECO102999	SPA100115	100%	100%	100%
ECO102999	STY100808	100%	100%	100%
ECO102999	STM101264	100%	100%	100%
ECO102999	SAU801575	56%	74.6%	91.4%
ECO102999	SEP203226	56%	74.6%	91.4%
ECO102999	SHA101643	56%	74.6%	91.4%
ECO102999	SMU102404	64%	70.4%	75.8%
ECO102999	SPN401270	62%	70.4%	75.8%
ECO102999	SPY200574	64%	70.4%	86.2%
ECO102999	TPA100750	40%	100%	100%
ECO102999	VCH100511	88%	100%	100%
ECO102999	YPS001963	100%	100%	100%
ECO103000	ABA100135	40%	71.8%	74.4%
ECO103000	BAN108415	46%	10.8%	100%
ECO103000	BAN103625	38%	66.8%	64.9%
ECO103000	BFR100350	32%	75.6%	66.4%
ECO103000	BPT103140	46%	75.7%	65.1%
ECO103000	BBU100709	29%	70.9%	78.8%
ECO103000	BCE103536	49%	40.4%	94.3%
ECO103000	BFU102598	46%	77.6%	75.7%
ECO103000	BMA106679	41%	95.4%	91.7%
ECO103000	CJU101544	33%	64.2%	59.8%
ECO103000	CPN200902	31%	75.0%	72.6%
ECO103000	CTR200170	33%	64.4%	61.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103000	CAC100870	37%	72.5%	69.1%
ECO103000	CBO101827	39%	61.8%	59.2%
ECO103000	CDF100203	34%	70.9%	66.9%
ECO103000	CDP100521	31%	85.0%	77.8%
ECO103000	EBC100341	90%	66.6%	99.7%
ECO103000	EFA201925	40%	61.8%	58.2%
ECO103000	EFM102089	36%	24.3%	90%
ECO103000	ECO103000	100%	100%	100%
ECO103000	HIN100511	56%	98.3%	97.0%
ECO103000	HPY100011	35%	64.7%	64.9%
ECO103000	KPN301044	90%	100%	100%
ECO103000	LPN100532	43%	99.3%	98.4%
ECO103000	LMO101045	40%	65.2%	61.3%
ECO103000	MCA102484	41%	3.3%	14.0%
ECO103000	MAV100979	33%	73.1%	88.5%
ECO103000	MBV105699	32%	85.7%	78.2%
ECO103000	MLP100501	31%	85.7%	78.3%
ECO103000	MTU202309	32%	85.7%	78.2%
ECO103000	MGE100254	27%	54.0%	53.7%
ECO103000	MPN100483	28%	59.6%	57.6%
ECO103000	NGO100326	44%	88.6%	88.6%
ECO103000	NME201595	45%	88.6%	88.6%
ECO103000	PMU101240	57%	100%	99.3%
ECO103000	PRT100374	73%	79.7%	99.4%
ECO103000	PAE200576	55%	72.5%	64.0%
ECO103000	PPU100647	54%	98.8%	97.7%
ECO103000	PSY103379	54%	98.3%	97.2%
ECO103000	SPA101806	85%	98.5%	99.7%
ECO103000	STY100820	86%	100%	100%
ECO103000	STM101266	86%	100%	100%
ECO103000	SAU801562	37%	61.1%	58.7%
ECO103000	SEP200998	35%	65.9%	63.9%
ECO103000	SHA101656	36%	61.1%	62.0%
ECO103000	SMU100153	27%	71.4%	95.5%
ECO103000	SPN400978	31%	75.7%	75.0%
ECO103000	SPY200576	32%	73.1%	70.7%
ECO103000	TPA100488	28%	80.0%	79.0%
ECO103000	UUR100499	27%	63.3%	58.5%
ECO103000	YPS001962	76%	100%	99.8%
ECO103001	ABA104769	62%	99.5%	99.0%
ECO103001	BAN102742	65%	39.0%	96.0%
ECO103001	BAN100470	62%	34.1%	9.4%
ECO103001	BFR11674	41%	43.7%	92.3%
ECO103001	BPT103127	55%	99.0%	81.9%
ECO103001	BBU100711	30%	100%	99.2%
ECO103001	BCE113968	66%	6.9%	23.5%
ECO103001	BCE107290	55%	98.7%	90.5%
ECO103001	BFU102597	55%	99.0%	90.6%
ECO103001	BMA103953	55%	99.0%	90.6%
ECO103001	CJU100929	36%	92.7%	91.3%
ECO103001	CPN201097	61%	44.5%	46.2%
ECO103001	CTR200894	37%	99.7%	94.4%
ECO103001	CAC102729	63%	34.1%	9.3%
ECO103001	CBO103068	64%	34.1%	9.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103001	CDF103183	66%	38.8%	1.5%
ECO103001	CDP100305	54%	34.9%	0.6%
ECO103001	EBC101192	97%	15.8%	16.1%
ECO103001	EFA201924	63%	34.1%	9.5%
ECO103001	EFM100355	61%	34.1%	10.5%
ECO103001	ECO103001	100%	100%	100%
ECO103001	HIN100512	67%	100%	100%
ECO103001	HPY100086	38%	85.2%	77.2%
ECO103001	KPN301045	95%	100%	100%
ECO103001	LPN102321	62%	99.7%	98.2%
ECO103001	LMO101276	61%	34.1%	9.4%
ECO103001	MCA100749	60%	99.0%	97.4%
ECO103001	MAV103013	41%	6.7%	26.5%
ECO103001	MBV101368	60%	35.6%	2.3%
ECO103001	MLP100627	60%	39.8%	5.2%
ECO103001	MTU202666	60%	35.6%	2.3%
ECO103001	MGE100253	37%	65.6%	96.2%
ECO103001	MPN100484	44%	44.7%	62.7%
ECO103001	NGO100336	52%	99.5%	96.1%
ECO103001	NME201596	53%	99.5%	96.1%
ECO103001	PMU101241	72%	100%	100%
ECO103001	PRT100575	87%	100%	100%
ECO103001	PAE200575	66%	99.2%	98.9%
ECO103001	PPU100648	63%	99.0%	99.3%
ECO103001	PSY101423	66%	99.2%	98.9%
ECO103001	SPA101807	79%	98.4%	100%
ECO103001	STY100822	97%	100%	93.2%
ECO103001	STM101268	97%	100%	93.2%
ECO103001	SAU801561	61%	34.1%	9.5%
ECO103001	SEP200997	55%	27.1%	19.8%
ECO103001	SHA100172	61%	34.1%	10.6%
ECO103001	SMU100154	65%	35.6%	7.0%
ECO103001	SPN400979	64%	35.6%	7.0%
ECO103001	SPY200577	65%	35.6%	7.0%
ECO103001	TPA100489	35%	99.8%	99.7%
ECO103001	UUR100351	45%	44.2%	62.1%
ECO103001	VCH100509	77%	100%	100%
ECO103001	YPS001961	91%	100%	100%
ECO103020	BCE109431	28%	62.6%	90.6%
ECO103020	BFU102845	30%	62.6%	58.0%
ECO103020	BMA103254	28%	74.0%	70.3%
ECO103020	CAC100416	44%	96.7%	98.2%
ECO103020	CDF101374	43%	97.3%	98.8%
ECO103020	EBC102580	84%	97.6%	98.2%
ECO103020	EFA202154	38%	97.0%	99.7%
ECO103020	EFM200659	38%	97.3%	98.8%
ECO103020	ECO103020	100%	100%	100%
ECO103020	KPN303709	80%	98.2%	99.7%
ECO103020	LPN100369	24%	74.9%	71.1%
ECO103020	LMO100582	40%	96.7%	99.7%
ECO103020	SPA108751	80%	97.0%	100%
ECO103020	STY100856	83%	97.6%	94.8%
ECO103020	STM101299	83%	97.6%	98.2%
ECO103020	SMU100226	32%	97.0%	99.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103020	SPN401334	34%	97.0%	91.8%
ECO103020	SPY200315	31%	87.1%	91.8%
ECO103020	YPS001888	73%	97.3%	98.2%
ECO103021	ABA105571	53%	99.4%	99.4%
ECO103021	CAC102504	28%	73.2%	82.5%
ECO103021	CDP100423	35%	89.7%	90.7%
ECO103021	EBC102581	85%	99.4%	99.1%
ECO103021	EFM103205	22%	44.9%	42.5%
ECO103021	ECO103021	100%	100%	100%
ECO103021	HPY200518	42%	13.7%	19.4%
ECO103021	KPN303711	87%	99.4%	98.8%
ECO103021	LPN102662	52%	96.6%	97.8%
ECO103021	MCA101267	21%	61.1%	53.1%
ECO103021	MAV100595	27%	28.3%	27.3%
ECO103021	MBV102718	32%	94.4%	79.1%
ECO103021	MLP100145	22%	34.0%	31.2%
ECO103021	MTU202686	32%	94.4%	79.1%
ECO103021	NGO102022	55%	92.8%	92.9%
ECO103021	NME200243	55%	92.8%	92.9%
ECO103021	PRT101901	34%	90.0%	92.4%
ECO103021	PAE202547	46%	91.0%	83.6%
ECO103021	PPU111253	46%	93.5%	89.0%
ECO103021	PSY105168	34%	93.5%	92.7%
ECO103021	SPA108753	85%	99.1%	98.8%
ECO103021	STY100858	86%	99.1%	98.8%
ECO103021	STM101302	87%	99.1%	98.8%
ECO103021	SPN401382	25%	35.5%	20%
ECO103021	VCH103270	40%	91.0%	91.2%
ECO103021	YPS002741	33%	94.4%	94.2%
ECO103024	BMA106155	28%	94.9%	97.3%
ECO103024	CJU100448	35%	76.4%	96.9%
ECO103024	CAC101727	58%	99.4%	99.2%
ECO103024	CDF101611	34%	76.4%	96.9%
ECO103024	EBC104084	85%	79.2%	100%
ECO103024	EFM200772	55%	99.4%	98.4%
ECO103024	ECO103024	100%	100%	100%
ECO103024	KPN306321	87%	100%	100%
ECO103024	YPS001858	79%	99.4%	99.2%
ECO103029	EBC104070	63%	100%	100%
ECO103029	ECO103029	100%	100%	100%
ECO103029	KPN301952	60%	100%	92.0%
ECO103029	SPA101871	68%	97.6%	97.6%
ECO103029	STY100864	68%	97.6%	97.6%
ECO103029	STM101311	68%	97.6%	97.6%
ECO103029	YPS001848	39%	87.4%	84.5%
ECO103030	CJU101325	29%	83.5%	94.8%
ECO103030	CPN200721	29%	42.5%	12.0%
ECO103030	EBC104087	70%	100%	100%
ECO103030	ECO103030	100%	100%	100%
ECO103030	KPN301954	68%	100%	100%
ECO103030	PRT103868	42%	89.0%	87.7%
ECO103030	PAE200541	36%	88.2%	82.7%
ECO103030	PPU102582	41%	74.8%	72.3%
ECO103030	PSY106182	40%	88.2%	81.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103030	SPA101872	84%	96.1%	100%
ECO103030	STY100866	84%	96.1%	100%
ECO103030	STM101314	84%	96.1%	100%
ECO103030	YPS001846	42%	96.9%	97.6%
ECO103047	EBC104067	90%	99.3%	97.0%
ECO103047	ECO103047	100%	100%	100%
ECO103047	KPN302949	87%	99.3%	97.0%
ECO103047	SPA101135	92%	98.7%	97.0%
ECO103047	STY100910	93%	99.3%	97.0%
ECO103049	CDF100099	22%	23.5%	36.5%
ECO103049	EBC104077	88%	100%	100%
ECO103049	ECO103049	100%	100%	100%
ECO103049	KPN302952	90%	100%	100%
ECO103049	SPA102422	94%	100%	100%
ECO103054	CAC103652	22%	48.9%	45.8%
ECO103054	CBO100821	23%	56.2%	28.7%
ECO103054	ECO103054	100%	100%	100%
ECO103054	LMO101991	21%	22.3%	55.8%
ECO103054	SEP100701	22%	44.3%	46.5%
ECO103055	ECO103055	100%	100%	100%
ECO103059	ECO103059	100%	100%	100%
ECO103059	KPN301970	86%	100%	100%
ECO103059	MAV101420	22%	91.7%	85.0%
ECO103059	PAE202208	31%	93.0%	90.9%
ECO103059	SAU802512	26%	96.4%	96.7%
ECO103059	SEP201038	27%	96.4%	96.9%
ECO103059	SHA101788	27%	96.6%	96.7%
ECO103064	BCE109317	51%	91.8%	100%
ECO103064	BMA108844	47%	99.3%	100%
ECO103064	CDF103015	23%	73.7%	73.6%
ECO103064	EBC100019	86%	8.9%	100%
ECO103064	EBC100022	86%	8.9%	100%
ECO103064	EBC103089	90%	9.4%	97.6%
ECO103064	EBC104063	84%	68.5%	100%
ECO103064	ECO103064	100%	100%	100%
ECO103064	PRT102737	62%	99.3%	99.3%
ECO103064	YPS002910	63%	99.3%	97.9%
ECO103069	ABA100914	33%	98.3%	94.5%
ECO103069	BFR11934	34%	99.7%	97.9%
ECO103069	BPT102002	33%	99.7%	93.2%
ECO103069	BFU111409	34%	99.7%	93.0%
ECO103069	CAC102554	53%	98.3%	99.3%
ECO103069	CBO101667	56%	97.2%	97.6%
ECO103069	CDF100408	46%	99.3%	100%
ECO103069	CDF101639	47%	99.0%	97.6%
ECO103069	EBC103878	91%	99.3%	97.9%
ECO103069	EFA201312	37%	99.0%	99.7%
ECO103069	EFM201347	38%	99.0%	99.0%
ECO103069	ECO103069	100%	100%	100%
ECO103069	HPY100173	37%	98.6%	99.7%
ECO103069	KPN100140	40%	40.9%	93.7%
ECO103069	LMO100774	38%	97.9%	98.6%
ECO103069	MCA100353	31%	99.7%	95.7%
ECO103069	MAV102852	34%	31.8%	24.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103069	MAV103638	34%	31.8%	31.4%
ECO103069	MPN100129	34%	98.3%	99.3%
ECO103069	PAE200554	34%	99.7%	93.2%
ECO103069	PPU104672	33%	99.7%	94.6%
ECO103069	SMU101408	38%	99.0%	99.7%
ECO103069	SPN400530	38%	99.0%	99.7%
ECO103069	SPY201455	37%	99.0%	99.7%
ECO103069	TPA100654	36%	99.0%	97.9%
ECO103069	UUR100603	35%	98.6%	98.6%
ECO103069	YPS000084	59%	99.0%	99.6%
ECO103074	ECO103074	100%	100%	100%
ECO103075	EBC102522	42%	96.5%	85.8%
ECO103075	ECO103075	100%	100%	100%
ECO103075	KPN306854	41%	96.5%	97.7%
ECO103075	PAE202130	34%	96.1%	97.5%
ECO103076	EBC102524	47%	96.4%	96.0%
ECO103076	ECO103076	100%	100%	100%
ECO103076	KPN203709	39%	97.3%	97.8%
ECO103076	SPA103706	40%	93.2%	99.9%
ECO103094	BAN102211	37%	73.4%	99.6%
ECO103094	BAN103847	45%	95.5%	96.2%
ECO103094	BFR10255	33%	94.7%	93.6%
ECO103094	CAC103020	36%	85.4%	97.5%
ECO103094	CBO102910	35%	83.0%	99.0%
ECO103094	CDF103369	38%	85.6%	98.1%
ECO103094	CDP101075	52%	85.3%	97.0%
ECO103094	EBC103897	91%	96.9%	99.7%
ECO103094	EFA200476	43%	71.1%	88.7%
ECO103094	EFM201829	41%	73.5%	93.9%
ECO103094	ECO103094	100%	100%	100%
ECO103094	HIN100222	62%	93.8%	98.5%
ECO103094	KPN300133	97%	22.8%	100%
ECO103094	KPN301427	94%	97.4%	100%
ECO103094	LPN103085	43%	86.4%	99.2%
ECO103094	LMO100391	43%	72.0%	87.7%
ECO103094	MAV100272	48%	88.9%	97.7%
ECO103094	MBV105490	46%	89.5%	97.9%
ECO103094	MLP100490	42%	56.7%	69.9%
ECO103094	MTU201236	46%	89.5%	97.9%
ECO103094	MGE100435	30%	58.0%	85.1%
ECO103094	MPN100219	33%	54.3%	79.6%
ECO103094	PMU101112	61%	94.4%	99.5%
ECO103094	PRT102432	79%	95.7%	99.0%
ECO103094	PAE202838	48%	86.4%	97.2%
ECO103094	PPU101891	46%	85.3%	96.0%
ECO103094	PSY103180	47%	85.3%	95.8%
ECO103094	SPA101061	91%	72.3%	100%
ECO103094	STY100977	97%	100%	100%
ECO103094	SAU802081	39%	73.2%	92.5%
ECO103094	SEP201342	39%	73.8%	92.5%
ECO103094	SHA100953	40%	73.8%	96.6%
ECO103094	SMU100751	42%	74.8%	92.6%
ECO103094	SPN401439	40%	73.5%	95.2%
ECO103094	SPY201084	38%	95.7%	93.7%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103094	TPA100762	44%	56.2%	55.9%
ECO103094	UUR100589	30%	58.8%	86.2%
ECO103094	VCH103524	45%	96.7%	93.2%
ECO103094	YPS001037	80%	96.6%	99.2%
ECO103097	ABA104153	69%	100%	100%
ECO103097	BAN112139	56%	100%	100%
ECO103097	BAN112261	56%	100%	100%
ECO103097	BFR101219	58%	34.8%	96.9%
ECO103097	BPT102559	65%	100%	100%
ECO103097	BBU100803	55%	89.9%	90.9%
ECO103097	BCE114521	66%	100%	100%
ECO103097	BFU106341	65%	98.9%	97.8%
ECO103097	BMA104593	67%	100%	100%
ECO103097	CJU100816	54%	98.9%	97.8%
ECO103097	CPN200838	46%	100%	100%
ECO103097	CTR200226	46%	100%	100%
ECO103097	CAC101338	53%	89.9%	92.0%
ECO103097	CBO102464	58%	89.9%	76.9%
ECO103097	CDF100875	62%	91.0%	95.3%
ECO103097	CDP100449	57%	100%	100%
ECO103097	EBC103888	93%	100%	100%
ECO103097	EFA202022	52%	100%	100%
ECO103097	EFM202414	56%	100%	100%
ECO103097	ECO103097	100%	100%	100%
ECO103097	HIN101437	80%	100%	100%
ECO103097	HIN101294	80%	100%	100%
ECO103097	HPY101023	51%	98.9%	97.8%
ECO103097	KPN301430	92%	100%	100%
ECO103097	LPN100705	59%	69.7%	95.4%
ECO103097	LMO101938	57%	100%	100%
ECO103097	MCA100389	65%	100%	100%
ECO103097	MAV100300	53%	100%	100%
ECO103097	MBV101245	52%	100%	100%
ECO103097	MLP100514	56%	100%	100%
ECO103097	MTU202747	52%	100%	100%
ECO103097	MGE100434	47%	77.5%	80.2%
ECO103097	MPN100220	50%	76.4%	79.1%
ECO103097	NGO100722	60%	100%	100%
ECO103097	NME200754	60%	100%	100%
ECO103097	PMU100301	78%	100%	100%
ECO103097	PRT102435	88%	100%	100%
ECO103097	PAE204737	69%	100%	100%
ECO103097	PPU105055	70%	100%	100%
ECO103097	PSY104828	77%	70.8%	100%
ECO103097	SPA101259	95%	100%	100%
ECO103097	STY101470	97%	100%	100%
ECO103097	SAU801273	55%	100%	100%
ECO103097	SEP201566	53%	100%	100%
ECO103097	SHA100171	55%	100%	100%
ECO103097	SMU101327	52%	100%	100%
ECO103097	SPN401466	51%	100%	100%
ECO103097	SPY201503	52%	100%	100%
ECO103097	TPA100877	46%	100%	100%
ECO103097	UUR100204	48%	98.9%	98.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103097	VCH100634	74%	100%	100%
ECO103097	YPS006344	86%	100%	100%
ECO103098	ABA100464	48%	95.9%	96.0%
ECO103098	BAN111627	34%	81.8%	84.0%
ECO103098	BAN109916	38%	81.8%	83.4%
ECO103098	BFR100430	32%	68.2%	94.8%
ECO103098	BPT100250	46%	73.9%	98.0%
ECO103098	BBU100802	36%	66.2%	74.5%
ECO103098	BCE108686	46%	98.1%	96.8%
ECO103098	BFU101157	45%	98.1%	97.1%
ECO103098	BMA109950	45%	96.2%	98.0%
ECO103098	CJU101028	30%	66.9%	77.2%
ECO103098	CPN200432	41%	64.3%	86.0%
ECO103098	CTR200363	42%	67.2%	87.6%
ECO103098	CAC102432	36%	92.7%	97.2%
ECO103098	CBO100717	35%	90.8%	95.2%
ECO103098	CDF100873	35%	91.4%	94.7%
ECO103098	CDP100454	39%	66.9%	72.7%
ECO103098	EBC101433	90%	99.7%	100%
ECO103098	EFA200593	38%	83.1%	84.6%
ECO103098	EFM202633	36%	83.8%	78.4%
ECO103098	ECO103098	100%	100%	100%
ECO103098	HIN101257	60%	93.6%	92.3%
ECO103098	KPN301431	89%	100%	100%
ECO103098	LPN102640	43%	95.2%	95.7%
ECO103098	LMO102138	38%	83.8%	85.5%
ECO103098	MCA100805	37%	98.4%	98.7%
ECO103098	MAV100285	38%	66.6%	71.8%
ECO103098	MBV101244	42%	66.6%	71.8%
ECO103098	MLP100948	35%	92.0%	87.5%
ECO103098	MTU202755	42%	66.6%	71.8%
ECO103098	NGO101078	42%	93.0%	92.2%
ECO103098	NME201447	42%	93.0%	92.2%
ECO103098	PMU100756	57%	99.0%	99.3%
ECO103098	PRT102436	70%	98.7%	97.5%
ECO103098	PAE204738	50%	98.4%	99.3%
ECO103098	PPU107161	50%	98.4%	99.0%
ECO103098	PSY104829	49%	98.4%	99.0%
ECO103098	SPA101258	93%	100%	100%
ECO103098	STY101471	93%	100%	100%
ECO103098	SAU801271	37%	69.7%	74.4%
ECO103098	SEP201564	39%	67.8%	72.5%
ECO103098	SHA100169	34%	53.8%	73.0%
ECO103098	SMU100957	38%	74.5%	82.5%
ECO103098	SPN401091	38%	75.2%	84.9%
ECO103098	SPY200961	33%	95.5%	99.7%
ECO103098	TPA100879	29%	64.0%	61.2%
ECO103098	UUR100356	33%	65.6%	92.1%
ECO103098	VCH100633	66%	97.5%	98.1%
ECO103098	YPS001049	72%	99.0%	96.0%
ECO103100	ABA104593	51%	99.9%	100%
ECO103100	BAN113310	37%	72.8%	94.4%
ECO103100	BAN110029	49%	74.3%	96.4%
ECO103100	BFR11714	43%	91.1%	81.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103100	BPT100248	50%	89.3%	95.4%
ECO103100	BBU100800	45%	69.9%	71.3%
ECO103100	BCE101969	56%	79.8%	100%
ECO103100	BFU100867	49%	99.9%	100%
ECO103100	BMA109716	50%	99.3%	100%
ECO103100	CJU100125	38%	99.9%	100%
ECO103100	CPN200434	33%	98.7%	97.9%
ECO103100	CTR200365	33%	98.7%	97.9%
ECO103100	CAC100425	53%	64.9%	84.4%
ECO103100	CBO103185	48%	74.3%	94.1%
ECO103100	CDF102888	53%	65.2%	90.6%
ECO103100	CDP100479	50%	64.3%	96.5%
ECO103100	EBC101431	93%	19.4%	32.3%
ECO103100	EFA200621	44%	82.6%	95.1%
ECO103100	EFM201052	45%	80.3%	99.0%
ECO103100	ECO103100	100%	100%	100%
ECO103100	HIN101252	70%	94.2%	99.4%
ECO103100	HPY101031	37%	94.5%	90.9%
ECO103100	KPN301426	95%	93.7%	99.9%
ECO103100	LPN102343	71%	49.0%	100%
ECO103100	LMO100282	47%	83.0%	92.8%
ECO103100	MCA100802	50%	92.9%	98.3%
ECO103100	MAV100286	48%	64.7%	97.5%
ECO103100	MBV104310	50%	48.8%	99.8%
ECO103100	MLP100953	44%	71.5%	71.9%
ECO103100	MTU202801	45%	71.8%	72.9%
ECO103100	MGE100144	42%	63.6%	91.4%
ECO103100	MPN100676	41%	67.5%	97.6%
ECO103100	NGO101494	51%	89.2%	99.9%
ECO103100	NME201748	47%	99.9%	100%
ECO103100	PMU100759	71%	93.9%	98.8%
ECO103100	PRT102425	78%	99.9%	99.9%
ECO103100	PAE204740	57%	99.9%	100%
ECO103100	PPU108488	55%	99.9%	100%
ECO103100	PSY104832	68%	62.2%	100%
ECO103100	SPA101256	93%	52.0%	100%
ECO103100	STY101473	96%	100%	100%
ECO103100	SAU801269	48%	77.3%	99.6%
ECO103100	SEP201562	47%	81.3%	99.9%
ECO103100	SHA100514	47%	77.9%	93.8%
ECO103100	SMU100784	40%	88.9%	89.0%
ECO103100	SPN400481	39%	96.7%	96.2%
ECO103100	SPY201321	41%	90%	81.3%
ECO103100	TPA100881	47%	72.0%	80.8%
ECO103100	UUR100322	44%	64.5%	93.3%
ECO103100	VCH100631	71%	99.9%	99.9%
ECO103100	YPS001051	82%	100%	100%
ECO103101	ABA103925	53%	99.2%	99.8%
ECO103101	BAN104708	34%	67.7%	94.9%
ECO103101	BAN102313	37%	69.3%	92.9%
ECO103101	BFR10840	30%	67.9%	89.5%
ECO103101	BPT100246	51%	99.8%	100%
ECO103101	BBU100799	25%	96.6%	94.8%
ECO103101	BCE107342	49%	99.2%	99.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103101	BFU100866	50%	99.2%	99.8%
ECO103101	BMA107734	50%	99.2%	99.8%
ECO103101	CJU100425	30%	69.3%	94.2%
ECO103101	CPN200435	30%	95.2%	99.8%
ECO103101	CTR200366	31%	92.5%	98.6%
ECO103101	CAC100279	36%	71.3%	99.7%
ECO103101	CBO102108	36%	72.1%	77.7%
ECO103101	CDF102471	36%	77.4%	98.4%
ECO103101	CDP100481	33%	54.9%	83.4%
ECO103101	EBC101239	93%	99.2%	100%
ECO103101	EFA200624	35%	79.0%	100%
ECO103101	EFM201833	36%	77.4%	99.0%
ECO103101	ECO103101	100%	100%	100%
ECO103101	HIN101251	73%	99.8%	100%
ECO103101	HPY101493	26%	70.7%	95.2%
ECO103101	KPN300994	95%	100%	100%
ECO103101	LPN100039	60%	99.2%	99.8%
ECO103101	LMO100131	39%	68.3%	90.6%
ECO103101	MCA100801	47%	99.2%	99.8%
ECO103101	MAV103287	27%	39.4%	97.8%
ECO103101	MBV103220	34%	67.3%	91.9%
ECO103101	MLP100955	32%	70.7%	96.8%
ECO103101	MTU202803	34%	67.3%	91.9%
ECO103101	MGE100143	29%	71.3%	67.6%
ECO103101	MPN100677	28%	70.1%	65.4%
ECO103101	NGO101492	48%	99.0%	99.8%
ECO103101	NME201747	47%	99.8%	98.8%
ECO103101	PMU100760	74%	99.6%	100%
ECO103101	PRT102427	85%	100%	100%
ECO103101	PAE204741	64%	99.2%	99.8%
ECO103101	PPU108490	63%	89.9%	99.8%
ECO103101	PSY104834	63%	99.2%	99.8%
ECO103101	SPA101734	89%	100%	100%
ECO103101	STY101474	93%	100%	100%
ECO103101	SAU801266	38%	69.1%	87.2%
ECO103101	SEP201559	37%	77.6%	94.8%
ECO103101	SHA101153	38%	69.1%	90.2%
ECO103101	SMU100777	33%	69.7%	90.4%
ECO103101	SPN400478	32%	70.7%	96.3%
ECO103101	SPY201324	32%	70.7%	95.3%
ECO103101	TPA100882	29%	91.5%	94.4%
ECO103101	UUR100320	27%	66.3%	77.1%
ECO103101	VCH100630	78%	100%	100%
ECO103101	YPS001052	88%	100%	100%
ECO103104	BPT101520	35%	85.6%	100%
ECO103104	ECO103104	100%	100%	100%
ECO103104	HPY201308	25%	77.9%	79.6%
ECO103104	PRT105681	32%	92.9%	94.7%
ECO103115	ABA101804	72%	97.6%	97.6%
ECO103115	BAN102544	58%	95.3%	83.3%
ECO103115	BAN111062	58%	95.3%	85.1%
ECO103115	BFR10883	63%	96.5%	91.0%
ECO103115	BPT102470	71%	98.8%	97.7%
ECO103115	BBU100779	65%	96.5%	98.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103115	BCE103036	65%	96.5%	94.3%
ECO103115	BFU106480	63%	96.5%	94.3%
ECO103115	BMA101618	65%	96.5%	94.3%
ECO103115	CJU100084	65%	96.5%	96.4%
ECO103115	CPN200204	56%	100%	97.6%
ECO103115	CTR200690	56%	96.5%	95.2%
ECO103115	CAC103330	70%	95.3%	80%
ECO103115	CBO102962	66%	90.6%	77%
ECO103115	CDF101911	66%	91.8%	81.2%
ECO103115	CDP101220	64%	96.5%	90.9%
ECO103115	EBC100461	95%	100%	100%
ECO103115	EFA202214	61%	95.3%	81.6%
ECO103115	EFM200824	64%	95.3%	82.5%
ECO103115	ECO103115	100%	100%	100%
ECO103115	HIN100859	87%	100%	100%
ECO103115	HPY100293	63%	100%	95.5%
ECO103115	KPN300596	94%	100%	100%
ECO103115	LPN100139	70%	100%	92.4%
ECO103115	LMO100798	60%	98.8%	86.5%
ECO103115	MCA101440	69%	100%	100%
ECO103115	MAV104122	64%	98.8%	93.2%
ECO103115	MBV104431	64%	96.5%	93.0%
ECO103115	MLP100903	64%	98.8%	93.2%
ECO103115	MTU202405	64%	96.5%	93.0%
ECO103115	MGE100239	55%	90.6%	74.0%
ECO103115	MPN100509	57%	90.6%	74.0%
ECO103115	NGO101635	76%	96.5%	91.1%
ECO103115	NME202000	76%	96.5%	91.1%
ECO103115	PMU100348	90%	100%	100%
ECO103115	PRT100790	95%	100%	100%
ECO103115	PAE204565	76%	98.8%	98.8%
ECO103115	PPU109793	69%	98.8%	98.8%
ECO103115	PSY102707	70%	96.5%	90.1%
ECO103115	SPA100460	95%	100%	100%
ECO103115	STY101487	95%	100%	100%
ECO103115	SAU801645	60%	97.6%	82.8%
ECO103115	SEP201610	60%	97.6%	82.8%
ECO103115	SHA100024	59%	97.6%	82.8%
ECO103115	SMU100757	60%	95.3%	82.5%
ECO103115	SPN401014	59%	95.3%	89.9%
ECO103115	SPY200612	59%	95.3%	82.5%
ECO103115	TPA100735	52%	100%	95.4%
ECO103115	UUR100211	58%	80%	68%
ECO103115	VCH100431	89%	97.6%	96.5%
ECO103115	YPS002142	94%	100%	100%
ECO103116	ABA105440	61%	99.0%	99.0%
ECO103116	BAN107763	44%	100%	100%
ECO103116	BAN108298	44%	100%	100%
ECO103116	BFR10884	37%	100%	86.8%
ECO103116	BPT104764	47%	100%	42.0%
ECO103116	BBU100777	32%	98.1%	98.1%
ECO103116	BCE111959	44%	100%	100%
ECO103116	BFU106477	43%	100%	83.1%
ECO103116	BMA107479	43%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103116	CJU100083	40%	100%	100%
ECO103116	CPN200203	38%	97.1%	95.3%
ECO103116	CTR200691	43%	94.2%	92.5%
ECO103116	CAC100327	38%	100%	100%
ECO103116	CBO100385	44%	100%	78.2%
ECO103116	CDF101910	41%	100%	97.2%
ECO103116	CDP101222	38%	98.1%	99.0%
ECO103116	EBC100460	100%	31.1%	100%
ECO103116	EFA202217	41%	100%	96.2%
ECO103116	EFM200259	43%	100%	100%
ECO103116	ECO103116	100%	100%	100%
ECO103116	HIN100860	79%	100%	100%
ECO103116	HPY100292	46%	99.0%	98.1%
ECO103116	KPN300595	96%	87.4%	100%
ECO103116	LPN100481	53%	98.1%	98.1%
ECO103116	LMO101855	42%	100%	100%
ECO103116	MCA101422	62%	100%	100%
ECO103116	MAV102387	39%	97.1%	96.1%
ECO103116	MBV104430	37%	98.1%	96.2%
ECO103116	MLP100904	37%	97.1%	96.1%
ECO103116	MTU202406	37%	98.1%	96.2%
ECO103116	MGE100237	32%	95.1%	94%
ECO103116	MPN100511	34%	95.1%	94%
ECO103116	NGO101632	54%	99.0%	89.5%
ECO103116	NME201999	54%	99.0%	100%
ECO103116	PMU100347	83%	100%	100%
ECO103116	PRT100789	78%	99.0%	100%
ECO103116	PAE204566	64%	100%	100%
ECO103116	PPU108773	60%	99.0%	65.0%
ECO103116	PSY108282	56%	100%	64.8%
ECO103116	SPA100461	97%	69.9%	100%
ECO103116	STY101488	99%	100%	100%
ECO103116	SAU801647	41%	100%	100%
ECO103116	SEP201612	39%	100%	100%
ECO103116	SMU100215	36%	99.0%	97.1%
ECO103116	SPN401012	39%	99.0%	97.1%
ECO103116	SPY200610	37%	99.0%	97.1%
ECO103116	TPA100737	32%	98.1%	97.1%
ECO103116	UUR100213	42%	99.0%	98%
ECO103116	VCH100430	78%	100%	100%
ECO103116	YPS002148	88%	100%	100%
ECO103159	ABA100671	35%	96.7%	95.4%
ECO103159	BPT102294	42%	93.9%	99.5%
ECO103159	BCE101468	44%	93.9%	99.5%
ECO103159	BFU100537	39%	56.6%	99.2%
ECO103159	BMA107004	44%	93.9%	99.5%
ECO103159	EBC102178	95%	99.5%	99.5%
ECO103159	ECO103159	100%	100%	100%
ECO103159	HIN101410	62%	95.8%	95.8%
ECO103159	KPN302003	93%	99.5%	99.5%
ECO103159	LPN101126	63%	98.1%	99.0%
ECO103159	MCA100934	40%	87.3%	90.8%
ECO103159	NGO101309	44%	93.9%	99.5%
ECO103159	NME200463	45%	93.9%	99.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103159	PMU100522	67%	94.3%	94.3%
ECO103159	PRT100887	81%	98.6%	98.1%
ECO103159	PAE204426	53%	93.4%	97.1%
ECO103159	PPU111756	56%	93.4%	96.1%
ECO103159	PSY103836	57%	93.4%	97.1%
ECO103159	SPA100956	97%	99.1%	100%
ECO103159	STY101557	97%	99.5%	99.5%
ECO103159	VCH100566	72%	99.5%	100%
ECO103159	YPS002273	83%	98.6%	98.1%
ECO103160	ABA100673	76%	100%	100%
ECO103160	BAN112009	53%	100%	100%
ECO103160	BAN109246	55%	100%	100%
ECO103160	BFR11427	50%	93.1%	94.5%
ECO103160	BPT102858	64%	100%	100%
ECO103160	BBU100337	56%	97.7%	93.4%
ECO103160	BCE104886	63%	100%	100%
ECO103160	BFU103523	65%	100%	100%
ECO103160	BMA104857	63%	100%	100%
ECO103160	CJU101395	49%	95.4%	96.9%
ECO103160	CPN200506	47%	93.8%	91.8%
ECO103160	CTR200396	47%	93.8%	91.7%
ECO103160	CAC102494	63%	100%	100%
ECO103160	CBO103462	59%	100%	100%
ECO103160	CDF100063	60%	100%	100%
ECO103160	CDP100047	50%	93.1%	68.4%
ECO103160	EBC102179	99%	100%	100%
ECO103160	EFA200812	52%	100%	100%
ECO103160	EFM201820	52%	100%	100%
ECO103160	ECO103160	100%	100%	100%
ECO103160	HIN101411	86%	100%	100%
ECO103160	HPY100081	51%	95.4%	96.9%
ECO103160	KPN302005	100%	100%	100%
ECO103160	LPN102542	61%	100%	100%
ECO103160	LMO100441	55%	100%	100%
ECO103160	MCA100086	73%	95.4%	96.9%
ECO103160	MAV103416	51%	93.1%	72.9%
ECO103160	MBV101153	52%	93.1%	80.1%
ECO103160	MLP100233	46%	98.5%	83.7%
ECO103160	MTU203395	52%	93.1%	80.1%
ECO103160	MGE100427	46%	100%	100%
ECO103160	MPN100226	47%	100%	100%
ECO103160	NGO102668	64%	96.2%	96.2%
ECO103160	NME200353	64%	96.2%	96.2%
ECO103160	PMU100521	89%	100%	100%
ECO103160	PRT100490	91%	100%	100%
ECO103160	PAE204430	76%	100%	100%
ECO103160	PPU105982	75%	100%	100%
ECO103160	PSY108021	76%	100%	100%
ECO103160	SPA100957	99%	100%	100%
ECO103160	STY101559	99%	100%	100%
ECO103160	SAU802217	50%	100%	100%
ECO103160	SEP202046	50%	100%	100%
ECO103160	SHA100041	50%	100%	100%
ECO103160	SMU101370	52%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103160	SPN400272	50%	100%	100%
ECO103160	SPY201485	50%	100%	100%
ECO103160	TPA101014	49%	98.5%	99.2%
ECO103160	UUR100583	55%	96.9%	94.7%
ECO103160	VCH100561	90%	100%	100%
ECO103160	YPS002276	92%	100%	100%
ECO103161	ABA100676	71%	100%	100%
ECO103161	BAN101291	58%	98.6%	96.6%
ECO103161	BAN111521	58%	98.6%	96.6%
ECO103161	BFR11426	48%	99.3%	93.5%
ECO103161	BPT102861	65%	99.3%	99.3%
ECO103161	BBU100338	51%	95.1%	92.5%
ECO103161	BCE107311	64%	100%	80.7%
ECO103161	BFU103522	65%	100%	100%
ECO103161	BMA107182	64%	100%	79.3%
ECO103161	CJU101396	52%	93.7%	95.0%
ECO103161	CPN200505	47%	99.3%	95.3%
ECO103161	CTR200395	52%	98.6%	94.7%
ECO103161	CAC102148	52%	100%	98.6%
ECO103161	CBO103121	54%	100%	97.9%
ECO103161	CDF100062	54%	99.3%	98.6%
ECO103161	CDP100045	47%	99.3%	95.9%
ECO103161	EBC102180	98%	100%	100%
ECO103161	EFA200811	58%	98.6%	95.9%
ECO103161	EFM201491	60%	98.6%	79.5%
ECO103161	ECO103161	100%	100%	100%
ECO103161	HIN101412	91%	100%	100%
ECO103161	HPY100082	51%	93.7%	94.3%
ECO103161	KPN301994	96%	100%	100%
ECO103161	LPN102178	71%	100%	98.6%
ECO103161	LMO100177	55%	98.6%	96.6%
ECO103161	MCA103453	68%	98.6%	97.9%
ECO103161	MAV103415	51%	96.5%	93.2%
ECO103161	MBV101152	52%	95.1%	69.2%
ECO103161	MLP100232	49%	100%	96.6%
ECO103161	MTU203396	52%	96.5%	93.2%
ECO103161	MGE100428	43%	95.1%	93.2%
ECO103161	MPN100225	42%	96.5%	93.8%
ECO103161	NGO101071	68%	100%	99.3%
ECO103161	NME200352	67%	100%	99.3%
ECO103161	PMU100520	90%	100%	100%
ECO103161	PRT100489	93%	100%	100%
ECO103161	PAE204431	74%	100%	100%
ECO103161	PPU105984	73%	100%	100%
ECO103161	PSY103838	74%	96.5%	96.5%
ECO103161	SPA100958	100%	100%	100%
ECO103161	STY101563	100%	100%	100%
ECO103161	SAU802218	58%	96.5%	94.5%
ECO103161	SEP202048	54%	96.5%	94.5%
ECO103161	SHA100040	56%	72.5%	92.0%
ECO103161	SMU101369	55%	98.6%	94.6%
ECO103161	SPN400271	58%	98.6%	94.6%
ECO103161	SPY201486	57%	98.6%	94.6%
ECO103161	TPA101015	48%	96.5%	96.5%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103161	UUR100584	46%	92.3%	88.5%
ECO103161	VCH100560	77%	100%	100%
ECO103161	YPS002279	95%	100%	100%
ECO103163	EBC102436	90%	98.5%	100%
ECO103163	ECO103163	100%	100%	100%
ECO103163	HIN101594	37%	92.5%	89.6%
ECO103163	KPN301998	92%	100%	100%
ECO103163	PMU100688	40%	92.5%	92.0%
ECO103163	PRT100487	68%	98.5%	99.3%
ECO103163	PAE204439	24%	86.6%	81.8%
ECO103163	PPU111785	23%	90.3%	86.2%
ECO103163	PSY103846	25%	82.1%	85.0%
ECO103163	SPA100846	93%	99.3%	96.4%
ECO103163	STY101569	96%	100%	100%
ECO103163	STM101859	97%	100%	100%
ECO103163	VCH100557	44%	94.0%	87.6%
ECO103163	YPS002289	80%	94.0%	94.8%
ECO103164	ABA102114	35%	90.3%	93.0%
ECO103164	BPT102616	37%	96.7%	96.4%
ECO103164	BCE114751	42%	75.6%	86.3%
ECO103164	BFU102903	42%	75.4%	84.8%
ECO103164	BMA102577	42%	75.6%	86.1%
ECO103164	CPN200861	36%	97.8%	76.2%
ECO103164	CAC101858	40%	75.2%	69.0%
ECO103164	CDF103193	41%	79.6%	73.8%
ECO103164	CDP100135	36%	73.6%	74.8%
ECO103164	EBC102437	84%	100%	100%
ECO103164	ECO103164	100%	100%	100%
ECO103164	HIN101231	57%	100%	100%
ECO103164	KPN302000	81%	100%	100%
ECO103164	MBV100623	35%	73.4%	88.2%
ECO103164	MTU200972	34%	73.4%	69.2%
ECO103164	NGO101854	34%	91.4%	88.8%
ECO103164	NME200654	35%	91.4%	88.8%
ECO103164	PMU100734	58%	100%	100%
ECO103164	PRT100486	65%	99.8%	98.5%
ECO103164	SPA100847	89%	100%	100%
ECO103164	STY101572	90%	100%	100%
ECO103164	STM101862	89%	100%	100%
ECO103164	SPN402042	35%	71.9%	84.1%
ECO103164	YPS002292	72%	100%	100%
ECO103175	BPT105606	23%	76.4%	67.2%
ECO103175	BCE100520	30%	22.5%	47.3%
ECO103175	BFU102649	21%	86.1%	63.6%
ECO103175	BMA106473	22%	86.1%	64.6%
ECO103175	EBC100005	73%	9.5%	59.1%
ECO103175	EBC103540	75%	99.2%	77.8%
ECO103175	ECO103175	100%	100%	100%
ECO103175	KPN302541	71%	98.5%	100%
ECO103175	LPN102990	21%	98.4%	75.6%
ECO103175	PRT101519	38%	99.9%	77.7%
ECO103175	PAE204474	21%	97.9%	75.7%
ECO103175	PPU109810	20%	98.7%	76.1%
ECO103175	PSY104777	22%	93.3%	72.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103175	SPA100160	74%	34.4%	100%
ECO103175	STY101629	79%	100%	78.0%
ECO103175	VCH100415	27%	97.9%	75.1%
ECO103175	YPS003182	48%	99.9%	78.5%
ECO103176	BCE109237	27%	24.5%	68.0%
ECO103176	ECO103176	100%	100%	100%
ECO103176	KPN305789	74%	100%	100%
ECO103176	SPA101850	81%	99.3%	100%
ECO103181	ABA101202	68%	93.5%	98.6%
ECO103181	BAN111944	44%	89.1%	96.8%
ECO103181	BAN102999	58%	90.5%	97.1%
ECO103181	BFR10062	45%	89.6%	96.5%
ECO103181	BPT102509	73%	91.3%	96.8%
ECO103181	BBU100714	52%	87.7%	89.2%
ECO103181	BCE109815	71%	93.2%	98.6%
ECO103181	BFU108081	70%	91.6%	97.1%
ECO103181	BFU113174	71%	93.2%	98.6%
ECO103181	BMA103717	71%	93.2%	98.6%
ECO103181	CJU100248	55%	92.1%	97.4%
ECO103181	CPN201000	55%	95.1%	94.3%
ECO103181	CTR200082	54%	95.1%	94.3%
ECO103181	CAC102861	58%	88.6%	95.8%
ECO103181	CBO101490	59%	89.4%	96.1%
ECO103181	CDF101880	57%	90.5%	94.1%
ECO103181	EBC103541	100%	94.6%	100%
ECO103181	ECO103181	100%	100%	100%
ECO103181	HIN100036	78%	96.5%	93.9%
ECO103181	HPY101353	51%	94.3%	99.7%
ECO103181	KPN302551	99%	94.6%	100%
ECO103181	LMO102883	57%	90.7%	97.6%
ECO103181	PMU101955	80%	94.6%	99.4%
ECO103181	PRT101213	95%	94.6%	100%
ECO103181	PAE204479	79%	94.6%	100%
ECO103181	PPU108925	79%	97.8%	100%
ECO103181	PSY104799	81%	57.2%	100%
ECO103181	SPA101315	91%	78.2%	100%
ECO103181	STY101647	100%	94.6%	100%
ECO103181	TPA100493	52%	92.1%	96.8%
ECO103181	VCH100410	90%	94.6%	100%
ECO103181	YPS003161	99%	94.6%	100%
ECO103182	BPT101055	23%	63.5%	65.3%
ECO103182	EBC103543	76%	100%	100%
ECO103182	ECO103182	100%	100%	100%
ECO103182	KPN302547	73%	100%	100%
ECO103182	LPN102746	22%	75.1%	78.2%
ECO103182	PAE201432	22%	81.1%	79.2%
ECO103182	PPU107473	21%	81.1%	79.6%
ECO103182	SPA101314	83%	99.2%	100%
ECO103182	STY101649	84%	100%	100%
ECO103182	VCH100393	32%	100%	96.9%
ECO103182	YPS003159	50%	99.2%	100%
ECO103185	ABA100121	43%	97.4%	96.4%
ECO103185	BAN102691	32%	100%	95.4%
ECO103185	BAN100195	35%	98.7%	97.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103185	BFR12359	33%	91.0%	86.0%
ECO103185	BPT102941	56%	99.4%	99.3%
ECO103185	BCE100976	55%	64.1%	97.8%
ECO103185	BFU107829	54%	99.4%	99.4%
ECO103185	BMA104958	52%	99.4%	99.4%
ECO103185	CJU101215	37%	100%	98.7%
ECO103185	CPN200574	29%	97.4%	95.2%
ECO103185	CTR200393	31%	97.4%	96.3%
ECO103185	CAC102521	33%	99.4%	98.1%
ECO103185	CBO102046	31%	100%	98.7%
ECO103185	CDF101397	32%	100%	98.7%
ECO103185	EBC103552	91%	100%	100%
ECO103185	EFA203429	32%	97.4%	95.7%
ECO103185	EFM200558	31%	100%	93.4%
ECO103185	ECO103185	100%	100%	100%
ECO103185	HIN100950	69%	100%	100%
ECO103185	HPY100367	29%	100%	98.7%
ECO103185	KPN307946	88%	100%	100%
ECO103185	LPN101729	51%	100%	100%
ECO103185	LMO100213	39%	97.4%	95.5%
ECO103185	MCA103068	38%	98.1%	97.1%
ECO103185	NGO101619	61%	99.4%	99.3%
ECO103185	NME200553	60%	99.4%	99.3%
ECO103185	PMU101092	65%	100%	100%
ECO103185	PRT101210	69%	100%	100%
ECO103185	PAE204842	64%	99.4%	99.4%
ECO103185	PPU108140	66%	99.4%	99.3%
ECO103185	PSY100848	61%	99.4%	99.3%
ECO103185	SPA101602	92%	100%	100%
ECO103185	STY101662	92%	100%	100%
ECO103185	STM102306	92%	100%	100%
ECO103185	SAU801527	34%	100%	100%
ECO103185	SEP200910	34%	100%	100%
ECO103185	SHA101871	35%	100%	100%
ECO103185	SMU100535	34%	100%	100%
ECO103185	SPN400383	37%	100%	100%
ECO103185	SPY201346	34%	100%	100%
ECO103185	VCH100292	72%	100%	78.1%
ECO103185	YPS003132	82%	100%	100%
ECO103186	ABA100122	64%	98.9%	97.1%
ECO103186	BAN102154	47%	97.8%	99.8%
ECO103186	BAN113444	53%	98.4%	98.7%
ECO103186	BFR11898	48%	99.8%	89.1%
ECO103186	BFR11613	50%	98.4%	87.9%
ECO103186	BPT102938	67%	98.9%	99.1%
ECO103186	BCE104481	66%	100%	98.7%
ECO103186	BFU115826	65%	100%	98.7%
ECO103186	BMA101045	66%	98.9%	97.6%
ECO103186	CJU101214	53%	98.2%	99.3%
ECO103186	CPN200575	49%	98.7%	97.8%
ECO103186	CTR200394	51%	98.7%	97.2%
ECO103186	CAC103617	57%	98.9%	99.6%
ECO103186	CBO103874	55%	98.9%	99.3%
ECO103186	CDF101399	53%	98.2%	97.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103186	CDP100823	46%	96.0%	38.1%
ECO103186	EBC102634	93%	70.2%	100%
ECO103186	EFA200245	52%	98.4%	97.4%
ECO103186	EFM201807	52%	98.7%	96.9%
ECO103186	ECO103186	100%	100%	100%
ECO103186	HIN100951	82%	99.8%	100%
ECO103186	HPY100366	51%	98.2%	96.3%
ECO103186	KPN308876	96%	100%	100%
ECO103186	LPN102993	74%	98.9%	99.3%
ECO103186	LMO101165	53%	98.4%	97.8%
ECO103186	MCA102208	62%	98.2%	98.4%
ECO103186	MAV103606	47%	98.9%	62.9%
ECO103186	MBV101167	45%	98.7%	68.2%
ECO103186	MLP100439	45%	94.4%	70.9%
ECO103186	MTU202464	45%	98.7%	68.2%
ECO103186	NGO101616	68%	98.2%	97.4%
ECO103186	NME200552	69%	98.2%	97.4%
ECO103186	PMU101091	83%	99.8%	100%
ECO103186	PRT100504	86%	99.8%	100%
ECO103186	PAE204843	71%	99.8%	99.8%
ECO103186	PPU108141	70%	99.6%	99.1%
ECO103186	PSY108097	69%	99.6%	100%
ECO103186	SPA101601	95%	98.9%	100%
ECO103186	STY101665	96%	100%	100%
ECO103186	STM102307	96%	100%	100%
ECO103186	SAU801526	53%	98.2%	98.2%
ECO103186	SEP200908	52%	98.2%	98.0%
ECO103186	SHA100988	52%	98.2%	98.2%
ECO103186	SMU100533	51%	96.9%	97.1%
ECO103186	SPN400385	53%	98.0%	97.4%
ECO103186	SPY201344	52%	98.0%	97.6%
ECO103186	VCH100291	85%	99.6%	100%
ECO103186	YPS003128	92%	99.8%	99.8%
ECO103188	BAN108690	42%	96.3%	98.7%
ECO103188	BAN112300	47%	96.3%	97.9%
ECO103188	BFR12375	25%	89.1%	87.4%
ECO103188	BPT101875	22%	89.5%	67.2%
ECO103188	BBU100813	33%	90.1%	97.7%
ECO103188	CPN200265	25%	71.1%	72.5%
ECO103188	CBO103269	26%	88.2%	90.9%
ECO103188	CDF103913	25%	94.8%	98.5%
ECO103188	EBC102639	92%	99.6%	100%
ECO103188	ECO103188	100%	100%	100%
ECO103188	HIN100955	64%	96.9%	97.1%
ECO103188	KPN302542	89%	99.6%	100%
ECO103188	LMO101454	24%	30.3%	53.2%
ECO103188	PMU101089	59%	96.9%	98.7%
ECO103188	PRT100502	78%	98.8%	99.8%
ECO103188	SPA101599	91%	98.8%	100%
ECO103188	STY101671	93%	99.6%	100%
ECO103188	STM102309	93%	99.6%	100%
ECO103188	SMU101245	32%	20.8%	47.3%
ECO103188	YPS003121	82%	96.9%	97.1%
ECO103195	BFR10437	32%	90.9%	94.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103195	CJU100335	30%	91.9%	94.3%
ECO103195	ECO103195	100%	100%	100%
ECO103195	KPN308332	75%	98.7%	100%
ECO103195	LPN101631	30%	89.1%	89.3%
ECO103195	STM102321	88%	98.7%	98.7%
ECO103212	ABA105502	40%	98.6%	97.0%
ECO103212	BAN107407	30%	90.4%	89.1%
ECO103212	BAN101826	32%	99.3%	99.5%
ECO103212	BPT100805	36%	97.9%	89.7%
ECO103212	BCE107697	37%	97.7%	86.0%
ECO103212	BFU101027	39%	90.7%	82.5%
ECO103212	BMA101603	36%	97.7%	92.1%
ECO103212	CPN200071	27%	61.5%	66.5%
ECO103212	CTR200830	28%	60.6%	64.9%
ECO103212	CAC100526	31%	92.1%	92.3%
ECO103212	CBO102152	30%	98.6%	99.3%
ECO103212	CDF102436	30%	95.1%	96.1%
ECO103212	CDP100308	32%	86.0%	100%
ECO103212	EBC103645	86%	100%	97.7%
ECO103212	EFA201559	31%	93.0%	89.3%
ECO103212	EFM201913	31%	83.4%	98.4%
ECO103212	ECO103212	100%	100%	100%
ECO103212	HIN100605	51%	98.4%	94.7%
ECO103212	KPN301222	86%	100%	99.5%
ECO103212	LMO100111	31%	99.8%	99.3%
ECO103212	MCA102831	37%	99.8%	98.4%
ECO103212	MAV100826	30%	87.4%	84.5%
ECO103212	MBV102144	30%	86.0%	82.9%
ECO103212	MTU201388	30%	86.0%	82.9%
ECO103212	NGO101723	40%	98.1%	98.3%
ECO103212	NME200155	40%	98.1%	98.3%
ECO103212	PMU101561	53%	99.8%	97.8%
ECO103212	PRT105024	68%	100%	100%
ECO103212	PAE200017	50%	98.6%	98.8%
ECO103212	PPU103623	49%	98.6%	98.4%
ECO103212	PSY103506	48%	98.6%	96.9%
ECO103212	SPA104301	88%	84.4%	99.7%
ECO103212	STY101845	88%	100%	100%
ECO103212	STM102354	88%	100%	100%
ECO103212	SAU801217	28%	98.8%	93.3%
ECO103212	SEP201495	28%	99.1%	99.1%
ECO103212	SMU101505	31%	85.1%	82.7%
ECO103212	SPN401577	33%	92.1%	90.4%
ECO103212	SPY201253	30%	90.4%	88.9%
ECO103212	VCH100044	62%	98.8%	97.7%
ECO103212	YPS002538	73%	100%	100%
ECO103216	BAN110095	31%	75.4%	78.6%
ECO103216	BAN104882	38%	75.4%	74.0%
ECO103216	BCE107484	37%	97.5%	88.7%
ECO103216	BFU103220	36%	99.2%	71.0%
ECO103216	BMA101250	50%	62.3%	57.1%
ECO103216	EBC103642	74%	99.2%	99.2%
ECO103216	ECO103216	100%	100%	100%
ECO103216	KPN300812	79%	98.4%	98.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103216	PRT100263	51%	97.5%	95.2%
ECO103216	SPA104310	86%	100%	100%
ECO103216	STY101840	86%	100%	100%
ECO103217	ABA100130	70%	97.6%	99.2%
ECO103217	BAN103288	47%	85.8%	97.5%
ECO103217	BAN102478	47%	85.8%	97.5%
ECO103217	BFR100896	51%	94.5%	74.5%
ECO103217	BPT100897	68%	100%	96.9%
ECO103217	BBU100502	44%	96.9%	100%
ECO103217	BCE109774	70%	96.9%	93.9%
ECO103217	BFU101597	66%	100%	97.7%
ECO103217	BMA104335	71%	96.9%	93.9%
ECO103217	CJU101502	49%	91.3%	99.1%
ECO103217	CPN200120	43%	91.3%	98.6%
ECO103217	CTR200782	41%	91.3%	98.6%
ECO103217	CAC100809	43%	85.8%	95.6%
ECO103217	CBO102497	43%	85.8%	96.5%
ECO103217	CDF102169	48%	85.8%	96.5%
ECO103217	CDP100024	52%	94.5%	77.1%
ECO103217	EBC103646	100%	100%	100%
ECO103217	EFA201974	48%	87.4%	98.4%
ECO103217	EFM201685	44%	87.4%	99.2%
ECO103217	ECO103217	100%	100%	100%
ECO103217	HIN100784	89%	100%	99.2%
ECO103217	HPY101274	43%	91.3%	100%
ECO103217	KPN300813	98%	100%	100%
ECO103217	LMO100340	42%	85.8%	97.8%
ECO103217	MCA100427	75%	92.9%	99.2%
ECO103217	MAV101006	53%	86.6%	75.3%
ECO103217	MBV100492	52%	86.6%	61.1%
ECO103217	MLP101193	47%	94.5%	75.9%
ECO103217	MTU203409	52%	86.6%	61.1%
ECO103217	MGE100181	35%	83.5%	91.1%
ECO103217	MPN100639	34%	86.6%	93.5%
ECO103217	NGO100883	70%	92.9%	96.7%
ECO103217	NME200096	71%	92.9%	96.7%
ECO103217	PMU101389	89%	100%	100%
ECO103217	PRT101773	93%	100%	100%
ECO103217	PAE204235	75%	98.4%	99.2%
ECO103217	PPU104535	79%	92.9%	92.2%
ECO103217	PSY105785	80%	92.9%	92.2%
ECO103217	SPA104312	96%	100%	100%
ECO103217	STY101829	99%	100%	100%
ECO103217	SAU802223	47%	85.8%	97.5%
ECO103217	SEP202058	47%	85.8%	97.5%
ECO103217	SHA100503	48%	86.6%	97.6%
ECO103217	SMU100584	47%	85.8%	97.7%
ECO103217	SPN400216	46%	85.8%	97.7%
ECO103217	SPY101855	46%	85.8%	97.7%
ECO103217	TPA100211	50%	92.1%	71.3%
ECO103217	UUR100260	45%	78.7%	89.1%
ECO103217	VCH102533	91%	100%	100%
ECO103217	YPS002494	94%	99.2%	98.4%
ECO103218	ABA100129	66%	99.1%	96.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103218	BAN107601	34%	92.7%	97.5%
ECO103218	BAN108468	45%	93.6%	98.1%
ECO103218	BFR10426	39%	96.7%	98.2%
ECO103218	BPT100896	61%	98.2%	98.8%
ECO103218	BBU100501	35%	95.4%	91.3%
ECO103218	BCE103299	59%	97.6%	98.8%
ECO103218	BFU101596	61%	97.6%	98.8%
ECO103218	BMA100053	60%	97.6%	98.8%
ECO103218	CJU101501	33%	95.7%	92.9%
ECO103218	CPN200119	38%	90.0%	80.6%
ECO103218	CTR200783	38%	90.6%	80.5%
ECO103218	CAC100456	44%	95.1%	99.4%
ECO103218	CBO100600	44%	93.6%	97.8%
ECO103218	CDF104551	45%	94.5%	98.1%
ECO103218	CDP100022	42%	96.4%	92.9%
ECO103218	EBC103650	99%	100%	100%
ECO103218	EFA201975	45%	95.4%	99.4%
ECO103218	EFM200465	45%	95.4%	99.4%
ECO103218	ECO103218	100%	100%	100%
ECO103218	HIN100783	91%	100%	100%
ECO103218	HPY101275	29%	94.2%	91.3%
ECO103218	KPN300703	99%	76.9%	100%
ECO103218	LMO100649	45%	93.6%	98.1%
ECO103218	MCA100426	64%	98.2%	96.1%
ECO103218	MAV101008	43%	94.5%	89.3%
ECO103218	MBV100494	44%	93.9%	88.8%
ECO103218	MLP101194	44%	93.9%	88.8%
ECO103218	MTU203410	44%	93.9%	88.8%
ECO103218	MGE100180	31%	86.0%	89.9%
ECO103218	MPN100640	31%	86.6%	90.8%
ECO103218	NGO100885	62%	99.1%	99.1%
ECO103218	NME200097	62%	99.1%	99.1%
ECO103218	PMU101390	92%	100%	100%
ECO103218	PRT101775	97%	100%	100%
ECO103218	PAE204236	73%	99.1%	97.6%
ECO103218	PPU104534	73%	99.1%	97.6%
ECO103218	PSY100281	80%	46.8%	93.9%
ECO103218	SPA104314	100%	100%	100%
ECO103218	STY101828	100%	100%	100%
ECO103218	SAU802224	42%	93.6%	98.1%
ECO103218	SEP202059	42%	93.6%	98.1%
ECO103218	SHA100502	42%	93.6%	98.1%
ECO103218	SMU100586	45%	93.6%	98.1%
ECO103218	SPN400215	45%	93.6%	98.4%
ECO103218	SPY200063	45%	93.6%	98.1%
ECO103218	TPA100210	37%	93.9%	91.2%
ECO103218	UUR100259	36%	93.6%	98.5%
ECO103218	VCH102534	90%	100%	100%
ECO103218	YPS002493	99%	100%	100%
ECO103219	ABA100128	71%	100%	100%
ECO103219	BAN103804	49%	100%	100%
ECO103219	BFR10425	49%	100%	100%
ECO103219	BPT100895	64%	100%	100%
ECO103219	BBU100614	44%	96.6%	95.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103219	BCE103241	70%	100%	100%
ECO103219	BFU101595	71%	100%	100%
ECO103219	BMA100015	71%	100%	100%
ECO103219	CJU101500	50%	100%	100%
ECO103219	CPN200012	39%	94.7%	91.9%
ECO103219	CTR200903	38%	99.5%	98.6%
ECO103219	CAC102218	50%	100%	100%
ECO103219	CBO101434	54%	100%	100%
ECO103219	CDF103315	50%	91.3%	99.0%
ECO103219	CDP100020	47%	100%	100%
ECO103219	EBC103653	97%	100%	100%
ECO103219	EFA202012	45%	100%	99.0%
ECO103219	ECO103219	100%	100%	100%
ECO103219	HIN100782	89%	100%	100%
ECO103219	HPY101276	49%	100%	100%
ECO103219	KPN300702	98%	100%	100%
ECO103219	LMO100680	48%	100%	100%
ECO103219	MCA100425	67%	100%	100%
ECO103219	MAV101010	46%	100%	100%
ECO103219	MBV100325	47%	100%	100%
ECO103219	MLP101195	46%	100%	100%
ECO103219	MTU203411	47%	100%	100%
ECO103219	MGE100317	38%	99.0%	98.0%
ECO103219	MPN100395	39%	99.0%	98.0%
ECO103219	NGO100887	73%	100%	100%
ECO103219	NME200098	73%	100%	100%
ECO103219	PMU101391	89%	100%	100%
ECO103219	PRT104446	94%	100%	100%
ECO103219	PAE204237	74%	100%	100%
ECO103219	PPU108168	73%	100%	100%
ECO103219	PSY107923	73%	100%	100%
ECO103219	SPA104316	99%	100%	100%
ECO103219	STY101827	99%	100%	100%
ECO103219	SAU801719	47%	100%	100%
ECO103219	SEP201745	47%	100%	100%
ECO103219	SHA100142	47%	100%	100%
ECO103219	SMU101344	45%	100%	99.0%
ECO103219	SPN400078	45%	100%	99.0%
ECO103219	SPY201664	45%	100%	99.0%
ECO103219	TPA100303	39%	95.6%	96.1%
ECO103219	UUR100503	40%	100%	99.0%
ECO103219	VCH102535	87%	100%	100%
ECO103219	YPS002492	96%	100%	100%
ECO103220	ABA100127	78%	95.3%	96.1%
ECO103220	BAN102381	62%	100%	100%
ECO103220	BAN110714	65%	100%	100%
ECO103220	BFR10424	51%	100%	100%
ECO103220	BPT100894	70%	100%	100%
ECO103220	BBU100500	52%	99.2%	95.5%
ECO103220	BCE109619	71%	95.3%	92.5%
ECO103220	BFU101594	71%	95.3%	91.8%
ECO103220	BMA109746	72%	95.3%	92.5%
ECO103220	CJU101499	51%	100%	100%
ECO103220	CPN200118	51%	100%	100%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103220	CTR200784	55%	93.8%	90.9%
ECO103220	CAC100574	63%	93.8%	92.4%
ECO103220	CBO101814	67%	93.8%	91.7%
ECO103220	CDF101597	62%	98.4%	96.2%
ECO103220	CDP100018	58%	93.8%	90.3%
ECO103220	EBC103656	97%	100%	100%
ECO103220	EFA201976	59%	100%	100%
ECO103220	EFM200112	58%	100%	100%
ECO103220	ECO103220	100%	100%	100%
ECO103220	HIN100781	92%	100%	100%
ECO103220	HPY101277	52%	100%	100%
ECO103220	KPN300701	99%	100%	100%
ECO103220	LMO102707	62%	100%	100%
ECO103220	MCA100424	75%	95.3%	96.2%
ECO103220	MAV101012	60%	95.3%	89.1%
ECO103220	MBV100327	58%	95.3%	88.5%
ECO103220	MLP101196	60%	95.3%	89.1%
ECO103220	MTU203412	59%	95.3%	88.5%
ECO103220	MGE100179	47%	87.6%	86.3%
ECO103220	MPN100641	48%	92.2%	98.3%
ECO103220	NGO100889	74%	100%	100%
ECO103220	NME200099	74%	100%	100%
ECO103220	PMU101392	93%	100%	100%
ECO103220	PRT105644	99%	100%	100%
ECO103220	PAE204238	79%	100%	100%
ECO103220	PPU104532	78%	100%	100%
ECO103220	PSY106472	79%	100%	100%
ECO103220	SPA104318	96%	99.2%	100%
ECO103220	STY101826	98%	100%	100%
ECO103220	SAU802225	62%	100%	100%
ECO103220	SEP200240	62%	100%	100%
ECO103220	SHA100501	62%	100%	100%
ECO103220	SMU100588	66%	100%	100%
ECO103220	SPN400214	65%	100%	100%
ECO103220	SPY200062	67%	100%	100%
ECO103220	TPA100209	53%	96.1%	98.4%
ECO103220	UUR100258	52%	92.2%	98.3%
ECO103220	VCH102536	91%	100%	100%
ECO103220	YPS002491	98%	100%	100%
ECO103221	ABA100126	75%	100%	99.2%
ECO103221	BAN113421	75%	30.5%	87.8%
ECO103221	BAN112977	57%	98.3%	95.9%
ECO103221	BFR10423	52%	96.6%	91.3%
ECO103221	BPT100893	60%	96.6%	94.2%
ECO103221	BBU100499	53%	98.3%	93.6%
ECO103221	BCE106205	65%	96.6%	94.2%
ECO103221	BFU100384	66%	96.6%	94.2%
ECO103221	BMA110016	64%	96.6%	94.2%
ECO103221	CJU101498	55%	98.3%	96.7%
ECO103221	CPN200117	49%	98.3%	95.9%
ECO103221	CTR200785	49%	98.3%	95.9%
ECO103221	CAC101837	56%	98.3%	95.1%
ECO103221	CBO102219	58%	98.3%	95.1%
ECO103221	CDF103596	59%	100%	96.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103221	CDP100016	54%	98.3%	95.9%
ECO103221	EBC103659	98%	100%	100%
ECO103221	EFA201977	58%	98.3%	95.9%
ECO103221	EFM200415	62%	98.3%	95.9%
ECO103221	ECO103221	100%	100%	100%
ECO103221	HIN100780	86%	93.2%	90.2%
ECO103221	HPY101278	53%	98.3%	97.5%
ECO103221	KPN300700	86%	85.6%	100%
ECO103221	LMO102428	56%	98.3%	95.9%
ECO103221	MCA100423	73%	100%	100%
ECO103221	MAV101014	59%	98.3%	94.4%
ECO103221	MBV100329	57%	98.3%	94.4%
ECO103221	MLP101197	57%	98.3%	94.4%
ECO103221	MTU203413	57%	98.3%	94.4%
ECO103221	MGE100178	52%	98.3%	93.5%
ECO103221	MPN100642	55%	98.3%	93.5%
ECO103221	NGO100891	70%	98.3%	96.7%
ECO103221	NME200100	70%	98.3%	96.7%
ECO103221	PMU101393	86%	100%	100%
ECO103221	PRT100020	86%	92.4%	100%
ECO103221	PAE204239	75%	100%	100%
ECO103221	PPU104531	74%	100%	100%
ECO103221	PSY105783	82%	64.4%	100%
ECO103221	SPA104321	97%	100%	100%
ECO103221	STY101825	96%	100%	100%
ECO103221	SAU802226	53%	98.3%	95.9%
ECO103221	SEP200241	51%	98.3%	95.9%
ECO103221	SHA100500	52%	98.3%	95.9%
ECO103221	SMU100590	61%	94.1%	91.7%
ECO103221	SPN400213	63%	94.1%	91.7%
ECO103221	SPY200061	63%	94.1%	91.7%
ECO103221	TPA100208	52%	98.3%	95.9%
ECO103221	UUR100257	55%	98.3%	93.9%
ECO103221	VCH102537	87%	100%	100%
ECO103221	YPS002490	85%	100%	100%
ECO103222	ABA100104	76%	100%	100%
ECO103222	BPT104512	71%	100%	100%
ECO103222	BBU100498	62%	97.4%	92.3%
ECO103222	BCE112105	76%	100%	100%
ECO103222	BFU103878	76%	100%	100%
ECO103222	BMA103855	76%	100%	100%
ECO103222	CJU101497	68%	100%	100%
ECO103222	CPN200908	44%	97.4%	84.4%
ECO103222	CAC101480	60%	100%	100%
ECO103222	CBO103541	57%	100%	97.4%
ECO103222	CDF103770	60%	100%	100%
ECO103222	CDP102780	40%	100%	100%
ECO103222	EBC103975	45%	86.8%	71.7%
ECO103222	EFA203137	63%	100%	100%
ECO103222	EFM202440	63%	100%	100%
ECO103222	ECO103222	100%	100%	100%
ECO103222	HIN100779	84%	100%	100%
ECO103222	HPY101279	81%	100%	100%
ECO103222	KPN202806	42%	86.8%	71.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103222	LMO101459	57%	100%	100%
ECO103222	MCA102164	42%	86.8%	71.7%
ECO103222	MBV104764	55%	100%	100%
ECO103222	MLP101198	50%	100%	100%
ECO103222	MTU203414	55%	100%	100%
ECO103222	MGE100177	65%	100%	100%
ECO103222	MPN100643	65%	100%	100%
ECO103222	NGO101308	43%	84.2%	78.0%
ECO103222	NME200101	63%	100%	100%
ECO103222	PMU101394	86%	100%	100%
ECO103222	PRT103159	81%	100%	100%
ECO103222	PAE204240	86%	100%	100%
ECO103222	PSY103480	86%	100%	67.9%
ECO103222	SPA100818	50%	68.4%	56.5%
ECO103222	STY104823	100%	100%	100%
ECO103222	STM104443	50%	68.4%	56.5%
ECO103222	SAU802227	63%	100%	100%
ECO103222	SEP202480	63%	100%	100%
ECO103222	SHA100499	63%	100%	100%
ECO103222	SMU100592	60%	100%	100%
ECO103222	SPN400212	63%	100%	100%
ECO103222	SPY200060	60%	100%	100%
ECO103222	TPA100207	65%	100%	100%
ECO103222	UUR100256	76%	100%	100%
ECO103222	VCH102538	84%	100%	100%
ECO103222	YPS003891	94%	100%	100%
ECO103223	ABA100105	58%	93.5%	91.8%
ECO103223	BAN100422	41%	50.1%	95.7%
ECO103223	BAN100831	34%	90.1%	92.7%
ECO103223	BAN109756	41%	95.3%	97.7%
ECO103223	BAN106840	43%	94.8%	97.7%
ECO103223	BFR12413	39%	95.5%	94.6%
ECO103223	BPT100873	66%	99.8%	99.1%
ECO103223	BBU100497	35%	94.4%	95.4%
ECO103223	BCE109015	67%	94.1%	98.6%
ECO103223	BFU100380	64%	99.8%	99.1%
ECO103223	BMA107419	66%	94.1%	98.6%
ECO103223	CJU101592	41%	93.2%	97.6%
ECO103223	CPN200116	38%	95.5%	96.1%
ECO103223	CTR200786	38%	95.9%	97.6%
ECO103223	CAC102097	36%	94.4%	97.2%
ECO103223	CBO103220	39%	94.1%	97.2%
ECO103223	CDF103985	40%	93.9%	96.9%
ECO103223	CDP100001	45%	94.1%	97.5%
ECO103223	EBC103637	98%	100%	100%
ECO103223	EFA201979	40%	94.4%	97.2%
ECO103223	EFM200235	41%	93.0%	96.1%
ECO103223	ECO103223	100%	100%	100%
ECO103223	HIN100778	74%	100%	100%
ECO103223	HPY101282	40%	92.6%	96.9%
ECO103223	KPN300616	90%	80.4%	100%
ECO103223	LPN101432	57%	83.7%	100%
ECO103223	LMO101544	41%	94.6%	97.7%
ECO103223	MCA100141	54%	93.0%	92.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103223	MAV102070	42%	94.1%	94.7%
ECO103223	MBV101627	42%	94.1%	97.3%
ECO103223	MLP101115	41%	94.1%	97.3%
ECO103223	MTU200729	42%	94.1%	97.3%
ECO103223	MGE100173	35%	92.1%	86.9%
ECO103223	MPN100647	35%	91.9%	86.4%
ECO103223	NGO100896	56%	97.7%	98.2%
ECO103223	NME200103	56%	97.7%	98.2%
ECO103223	PMU101395	77%	100%	100%
ECO103223	PRT100105	94%	48.3%	100%
ECO103223	PAE204241	65%	99.8%	98.9%
ECO103223	PPU112340	64%	99.8%	98.6%
ECO103223	PSY100299	64%	99.8%	98.4%
ECO103223	SPA104324	99%	96.6%	100%
ECO103223	STY101824	99%	100%	100%
ECO103223	SAU802230	41%	93.2%	96.0%
ECO103223	SEP200245	41%	93.2%	96.0%
ECO103223	SHA100178	40%	81.7%	98.4%
ECO103223	SMU100598	37%	92.8%	94.9%
ECO103223	SPN400209	38%	93.0%	95.2%
ECO103223	SPY200057	38%	94.4%	96.5%
ECO103223	TPA100206	38%	93.2%	91.8%
ECO103223	UUR100252	32%	91.9%	89.0%
ECO103223	VCH102539	81%	100%	100%
ECO103223	YPS002488	97%	100%	100%
ECO103224	ABA100106	65%	100%	98.6%
ECO103224	BAN100388	39%	99.3%	98.6%
ECO103224	BAN101282	50%	99.3%	98.6%
ECO103224	BFR100671	47%	98.6%	98.0%
ECO103224	BPT100871	61%	98.6%	97.3%
ECO103224	BBU100496	40%	97.2%	97.2%
ECO103224	BCE108533	59%	100%	100%
ECO103224	BFU100391	62%	100%	100%
ECO103224	BMA101533	61%	100%	100%
ECO103224	CJU101593	60%	44.4%	49.2%
ECO103224	CPN200115	44%	80.6%	82.6%
ECO103224	CTR200787	38%	94.4%	97.9%
ECO103224	CAC101804	49%	99.3%	98.6%
ECO103224	CBO103582	51%	99.3%	98.6%
ECO103224	CDF100735	46%	99.3%	96.7%
ECO103224	CDP101730	38%	100%	96.6%
ECO103224	EBC103640	98%	100%	100%
ECO103224	EFA201980	52%	99.3%	98.6%
ECO103224	EFM201975	51%	99.3%	98.6%
ECO103224	ECO103224	100%	100%	100%
ECO103224	HIN100777	82%	100%	100%
ECO103224	HPY101283	45%	77.1%	82.2%
ECO103224	KPN300615	90%	96.5%	100%
ECO103224	LPN100259	58%	100%	100%
ECO103224	LMO102003	49%	99.3%	98.6%
ECO103224	MCA100140	64%	100%	98.6%
ECO103224	MAV102081	39%	100%	97.9%
ECO103224	MBV101609	40%	100%	97.9%
ECO103224	MLP101118	39%	100%	97.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103224	MTU200720	40%	100%	97.9%
ECO103224	MGE100172	37%	99.3%	98%
ECO103224	MPN100648	41%	99.3%	97.4%
ECO103224	NGO100899	58%	99.3%	99.3%
ECO103224	NME200104	60%	99.3%	99.3%
ECO103224	PMU101396	81%	100%	100%
ECO103224	PRT103332	85%	100%	100%
ECO103224	PAE204242	64%	100%	100%
ECO103224	PPU104529	66%	100%	100%
ECO103224	PSY107337	65%	100%	100%
ECO103224	SPA104326	99%	100%	100%
ECO103224	STY101823	99%	100%	100%
ECO103224	SAU802231	46%	99.3%	98.6%
ECO103224	SEP200247	43%	99.3%	98.6%
ECO103224	SHA100093	66%	47.2%	79.1%
ECO103224	SMU100599	48%	99.3%	98.6%
ECO103224	SPN400208	50%	99.3%	98.6%
ECO103224	SPY200056	50%	99.3%	98.6%
ECO103224	TPA100205	37%	93.1%	89.5%
ECO103224	UUR100251	39%	99.3%	98.0%
ECO103224	VCH102540	77%	100%	100%
ECO103224	YPS002485	85%	100%	100%
ECO103225	ABA100108	68%	96.6%	98.3%
ECO103225	BAN104365	54%	100%	98.3%
ECO103225	BFR100963	46%	91.5%	93.1%
ECO103225	BPT104115	49%	96.6%	93.4%
ECO103225	BBU100495	32%	93.2%	54.5%
ECO103225	BFU104042	54%	93.2%	87.3%
ECO103225	BMA107387	54%	93.2%	87.3%
ECO103225	CAC103086	55%	98.3%	100%
ECO103225	CBO100965	54%	100%	98.3%
ECO103225	CDF102795	44%	100%	95.1%
ECO103225	CDP102962	47%	93.2%	90.2%
ECO103225	EBC103644	94%	100%	100%
ECO103225	EFA205229	45%	93.2%	93.2%
ECO103225	EFM200795	45%	93.2%	93.2%
ECO103225	ECO103225	100%	100%	100%
ECO103225	HIN100776	79%	100%	100%
ECO103225	KPN300492	96%	96.6%	100%
ECO103225	LPN102267	49%	100%	96.7%
ECO103225	LMO100063	49%	100%	98.3%
ECO103225	MCA102911	66%	96.6%	96.6%
ECO103225	MAV102080	54%	89.8%	74.6%
ECO103225	MBV101607	53%	91.5%	83.1%
ECO103225	MLP101119	50%	93.2%	77.5%
ECO103225	MTU200719	53%	91.5%	83.1%
ECO103225	NGO102470	51%	94.9%	91.8%
ECO103225	NME200105	53%	94.9%	91.8%
ECO103225	PMU101397	77%	100%	100%
ECO103225	PRT100559	89%	100%	96.7%
ECO103225	PAE204243	56%	93.2%	94.8%
ECO103225	PPU108173	61%	93.2%	94.8%
ECO103225	PSY107474	56%	93.2%	94.8%
ECO103225	SPA106249	96%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103225	STY105107	96%	100%	100%
ECO103225	SAU802232	50%	100%	98.3%
ECO103225	SEP202555	47%	100%	96.7%
ECO103225	SHA100092	49%	100%	98.3%
ECO103225	SMU102834	52%	93.2%	91.7%
ECO103225	SPN400207	54%	93.2%	91.7%
ECO103225	SPY200055	49%	93.2%	91.7%
ECO103225	VCH102541	78%	94.9%	96.6%
ECO103225	YPS004281	86%	100%	100%
ECO103226	ABA100109	76%	99.4%	100%
ECO103226	BAN111381	52%	98.8%	100%
ECO103226	BAN112822	54%	99.4%	100%
ECO103226	BFR10783	52%	92.8%	90.1%
ECO103226	BPT100869	67%	93.4%	91.2%
ECO103226	BBU100494	49%	92.2%	93.3%
ECO103226	BCE102110	66%	71.9%	88.2%
ECO103226	BFU100390	66%	93.4%	90.7%
ECO103226	BMA101481	67%	93.4%	92.3%
ECO103226	CJU101594	50%	80.8%	91.8%
ECO103226	CPN200114	44%	92.2%	93.3%
ECO103226	CTR200788	43%	88.6%	90.3%
ECO103226	CAC100146	53%	97.6%	98.8%
ECO103226	CBO100463	50%	97.6%	98.8%
ECO103226	CDF100733	54%	94.0%	92.9%
ECO103226	CDP101728	59%	91.0%	73.1%
ECO103226	EBC103648	100%	99.4%	100%
ECO103226	EFA201981	54%	99.4%	100%
ECO103226	EFM200438	53%	99.4%	100%
ECO103226	ECO103226	100%	100%	100%
ECO103226	HIN100775	92%	99.4%	100%
ECO103226	HPY101284	50%	83.8%	91.5%
ECO103226	KPN300491	97%	100%	100%
ECO103226	LPN100995	62%	92.2%	91.7%
ECO103226	LMO101368	55%	94.0%	94.0%
ECO103226	MCA100160	75%	99.4%	100%
ECO103226	MAV102079	59%	91.0%	67.6%
ECO103226	MBV101605	59%	91.0%	69.1%
ECO103226	MLP101120	58%	91.0%	70.0%
ECO103226	MTU200718	59%	91.0%	69.1%
ECO103226	MGE100171	42%	97.0%	76.8%
ECO103226	MPN100649	43%	92.8%	70.8%
ECO103226	NGO100919	60%	97.6%	94.8%
ECO103226	NME200106	60%	97.6%	94.8%
ECO103226	PMU101398	92%	99.4%	100%
ECO103226	PRT100558	92%	99.4%	100%
ECO103226	PAE204244	77%	98.8%	100%
ECO103226	PPU104527	78%	91.0%	91.6%
ECO103226	PSY105833	74%	97.6%	98.2%
ECO103226	SPA104328	98%	100%	100%
ECO103226	STY101822	100%	100%	100%
ECO103226	SAU802233	55%	98.2%	98.8%
ECO103226	SEP200249	55%	98.2%	98.8%
ECO103226	SHA100091	55%	98.2%	98.8%
ECO103226	SMU100600	54%	94.0%	95.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103226	SPN400206	52%	94.0%	95.7%
ECO103226	SPY200054	54%	94.0%	95.7%
ECO103226	TPA100204	51%	94.0%	91.3%
ECO103226	UUR100250	47%	95.8%	79.3%
ECO103226	VCH102542	84%	94.6%	94.6%
ECO103226	YPS002482	95%	100%	100%
ECO103227	ABA100110	56%	99.1%	98.3%
ECO103227	BAN106991	53%	99.1%	95.8%
ECO103227	BFR100058	44%	76.9%	97.7%
ECO103227	BPT100868	57%	100%	100%
ECO103227	BBU100493	32%	95.7%	95.0%
ECO103227	BCE113907	54%	100%	100%
ECO103227	BFU100389	56%	100%	100%
ECO103227	BMA109275	55%	100%	100%
ECO103227	CJU101595	31%	97.4%	92.4%
ECO103227	CPN200113	37%	98.3%	94.3%
ECO103227	CTR200789	37%	98.3%	94.3%
ECO103227	CAC102283	48%	100%	99.1%
ECO103227	CBO100811	49%	99.1%	93.4%
ECO103227	CDF103929	48%	99.1%	95.9%
ECO103227	CDP101725	49%	98.3%	84.4%
ECO103227	EBC103652	96%	100%	100%
ECO103227	EFA201982	50%	99.1%	95.8%
ECO103227	EFM200146	50%	99.1%	95.8%
ECO103227	ECO103227	100%	100%	100%
ECO103227	HIN100774	84%	100%	100%
ECO103227	HPY101285	32%	96.6%	90.8%
ECO103227	KPN300490	100%	100%	100%
ECO103227	LPN101342	44%	100%	100%
ECO103227	LMO102391	44%	100%	96.6%
ECO103227	MCA100159	58%	99.1%	98.3%
ECO103227	MAV102077	42%	98.3%	84.4%
ECO103227	MBV101604	45%	98.3%	93.4%
ECO103227	MLP101121	40%	98.3%	94.2%
ECO103227	MTU200717	45%	98.3%	93.4%
ECO103227	MGE100170	31%	99.1%	96.5%
ECO103227	MPN100650	37%	97.4%	99.1%
ECO103227	NGO100921	53%	100%	100%
ECO103227	NME200107	53%	100%	100%
ECO103227	PMU101399	83%	100%	100%
ECO103227	PRT100557	92%	100%	100%
ECO103227	PAE204245	59%	98.3%	97.4%
ECO103227	PPU104526	59%	99.1%	98.3%
ECO103227	PSY105780	60%	85.5%	100%
ECO103227	SPA104494	89%	100%	100%
ECO103227	STY101821	99%	100%	100%
ECO103227	SAU802234	45%	100%	96.6%
ECO103227	SEP200251	45%	100%	96.7%
ECO103227	SHA100055	47%	100%	96.7%
ECO103227	SMU100601	47%	99.1%	95.8%
ECO103227	SPN400205	49%	99.1%	95.8%
ECO103227	SPY200053	48%	99.1%	95.8%
ECO103227	TPA100203	35%	99.1%	95%
ECO103227	UUR100249	43%	93.2%	91.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103227	VCH102543	83%	100%	100%
ECO103227	YPS002455	92%	100%	100%
ECO103228	ABA100111	62%	100%	100%
ECO103228	BAN102950	47%	98.9%	99.4%
ECO103228	BAN110172	50%	98.9%	98.3%
ECO103228	BFR10781	41%	98.9%	97.4%
ECO103228	BPT100867	58%	100%	100%
ECO103228	BBU100492	37%	98.9%	97.2%
ECO103228	BCE105068	57%	100%	100%
ECO103228	BFU100388	57%	100%	100%
ECO103228	BMA103347	58%	100%	100%
ECO103228	CJU101596	48%	98.9%	97.8%
ECO103228	CPN200112	42%	98.9%	96.2%
ECO103228	CTR200790	43%	98.9%	96.2%
ECO103228	CAC101071	47%	98.9%	98.3%
ECO103228	CBO102597	46%	98.9%	97.8%
ECO103228	CDF100753	48%	98.9%	97.8%
ECO103228	CDP101722	44%	98.9%	98.3%
ECO103228	EBC103655	92%	100%	100%
ECO103228	EFA201983	48%	98.9%	98.3%
ECO103228	EFM201241	46%	98.9%	98.3%
ECO103228	ECO103228	100%	100%	100%
ECO103228	HIN100773	75%	100%	100%
ECO103228	HPY101286	42%	98.9%	97.8%
ECO103228	KPN300489	100%	19.8%	100%
ECO103228	LPN100869	56%	100%	100%
ECO103228	LMO102101	46%	98.9%	98.3%
ECO103228	MCA100158	58%	100%	100%
ECO103228	MAV102075	43%	98.9%	98.3%
ECO103228	MBV101643	43%	98.9%	98.3%
ECO103228	MLP101122	42%	98.9%	98.3%
ECO103228	MTU200716	43%	98.9%	98.3%
ECO103228	MGE100169	40%	98.9%	96.7%
ECO103228	MPN100651	40%	98.9%	96.7%
ECO103228	NGO100923	59%	100%	100%
ECO103228	NME200108	59%	100%	100%
ECO103228	PMU101400	79%	100%	100%
ECO103228	PRT100556	85%	100%	100%
ECO103228	PAE204246	62%	100%	100%
ECO103228	PPU104525	62%	100%	100%
ECO103228	PSY100295	61%	100%	100%
ECO103228	SPA104330	98%	100%	100%
ECO103228	STY101820	98%	100%	100%
ECO103228	SAU802235	44%	98.9%	98.3%
ECO103228	SEP200253	45%	98.9%	98.3%
ECO103228	SHA100054	49%	58.8%	97.2%
ECO103228	SMU100602	49%	98.9%	98.3%
ECO103228	SPN400204	46%	98.9%	98.3%
ECO103228	SPY200052	45%	98.9%	98.3%
ECO103228	TPA100202	38%	98.9%	97.8%
ECO103228	UUR100248	39%	98.9%	96.7%
ECO103228	VCH102544	73%	100%	100%
ECO103228	YPS002454	89%	100%	100%
ECO103229	ABA100112	65%	100%	100%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103229	BAN113611	50%	98.5%	95.6%
ECO103229	BAN101892	51%	99.2%	99.2%
ECO103229	BFR10780	43%	97.7%	99.2%
ECO103229	BPT100866	67%	100%	100%
ECO103229	BBU100491	35%	99.2%	99.2%
ECO103229	BCE101537	62%	100%	100%
ECO103229	BFU100387	64%	100%	100%
ECO103229	BMA101128	64%	100%	100%
ECO103229	CJU101597	41%	97.7%	98.5%
ECO103229	CPN200111	40%	96.2%	95.5%
ECO103229	CTR200791	37%	96.2%	95.5%
ECO103229	CAC102421	53%	99.2%	99.2%
ECO103229	CBO102964	52%	99.2%	99.2%
ECO103229	CDF100752	48%	99.2%	99.2%
ECO103229	CDP101719	52%	99.2%	99.2%
ECO103229	EBC103658	97%	100%	100%
ECO103229	EFA201984	48%	99.2%	99.2%
ECO103229	EFM200970	48%	99.2%	99.2%
ECO103229	ECO103229	100%	100%	100%
ECO103229	HIN100772	86%	100%	100%
ECO103229	HPY101287	39%	97.7%	98.5%
ECO103229	KPN300573	98%	86.9%	98.3%
ECO103229	LPN100471	56%	100%	100%
ECO103229	LMO100791	48%	99.2%	99.2%
ECO103229	MCA100157	59%	100%	100%
ECO103229	MAV102073	48%	99.2%	99.2%
ECO103229	MBV101642	47%	99.2%	99.2%
ECO103229	MLP101123	45%	99.2%	99.2%
ECO103229	MTU200715	47%	99.2%	99.2%
ECO103229	MGE100168	44%	96.2%	91.5%
ECO103229	MPN100652	45%	96.2%	90.8%
ECO103229	NGO100925	71%	100%	100%
ECO103229	NME200109	71%	100%	100%
ECO103229	PMU101401	88%	100%	100%
ECO103229	PRT100555	95%	100%	100%
ECO103229	PAE204247	64%	99.2%	99.2%
ECO103229	PPU108197	63%	99.2%	99.2%
ECO103229	PSY108276	63%	99.2%	99.2%
ECO103229	SPA104332	100%	100%	100%
ECO103229	STY101809	100%	100%	100%
ECO103229	SAU802236	51%	99.2%	99.2%
ECO103229	SEP200255	50%	99.2%	99.2%
ECO103229	SHA101609	43%	72.3%	100%
ECO103229	SMU100603	51%	99.2%	99.2%
ECO103229	SPN400203	48%	99.2%	99.2%
ECO103229	SPY200051	47%	99.2%	99.2%
ECO103229	TPA100201	46%	99.2%	99.2%
ECO103229	UUR100247	46%	96.2%	97.0%
ECO103229	VCH102545	80%	100%	100%
ECO103229	YPS002453	94%	100%	100%
ECO103230	ABA100113	63%	100%	100%
ECO103230	BAN104895	55%	42.6%	70.5%
ECO103230	BAN100258	55%	42.6%	70.5%
ECO103230	BFR103418	53%	95.0%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103230	BPT104100	64%	100%	100%
ECO103230	BBU100490	44%	53.5%	73.0%
ECO103230	BCE114286	59%	100%	100%
ECO103230	BFU100386	63%	100%	100%
ECO103230	BMA106945	63%	100%	100%
ECO103230	CJU101598	51%	42.6%	70.5%
ECO103230	CPN200907	50%	100%	100%
ECO103230	CTR200165	52%	100%	100%
ECO103230	CAC102855	54%	43.6%	72.1%
ECO103230	CBO101206	48%	61.4%	88.5%
ECO103230	CDF102552	54%	43.6%	72.1%
ECO103230	CDP100129	52%	100%	100%
ECO103230	EBC103661	93%	100%	100%
ECO103230	EFA201445	44%	100%	100%
ECO103230	EFA203574	50%	100%	100%
ECO103230	EFM201806	61%	38.6%	63.9%
ECO103230	ECO103230	100%	100%	100%
ECO103230	HIN100771	91%	100%	100%
ECO103230	HPY101288	53%	42.6%	70.5%
ECO103230	KPN300574	98%	100%	100%
ECO103230	LPN101663	46%	100%	100%
ECO103230	LMO102736	50%	100%	100%
ECO103230	MCA100105	61%	100%	100%
ECO103230	MAV102072	53%	42.6%	70.5%
ECO103230	MBV100099	46%	100%	100%
ECO103230	MLP101124	53%	42.6%	70.5%
ECO103230	MTU202023	46%	100%	100%
ECO103230	MGE100167	48%	42.6%	70.5%
ECO103230	MPN100653	48%	42.6%	70.5%
ECO103230	NGO100927	60%	100%	100%
ECO103230	NME200110	60%	100%	100%
ECO103230	PMU101402	93%	100%	100%
ECO103230	PRT100554	91%	100%	100%
ECO103230	PAE204248	69%	100%	100%
ECO103230	PPU109128	63%	100%	100%
ECO103230	PSY100242	67%	100%	100%
ECO103230	SPA104333	95%	100%	100%
ECO103230	STY101808	98%	100%	100%
ECO103230	SAU801336	51%	100%	100%
ECO103230	SEP201993	51%	100%	100%
ECO103230	SHA100036	50%	100%	100%
ECO103230	SMU102003	56%	38.6%	63.9%
ECO103230	SPN400202	54%	100%	100%
ECO103230	SPY201440	42%	100%	100%
ECO103230	TPA100200	47%	43.6%	72.1%
ECO103230	UUR100246	53%	42.6%	70.5%
ECO103230	VCH102546	83%	100%	100%
ECO103230	YPS002452	89%	100%	100%
ECO103231	ABA100107	73%	85.5%	100%
ECO103231	BAN113536	53%	98.9%	98.9%
ECO103231	BAN110693	59%	100%	100%
ECO103231	BFR10778	49%	98.9%	95.1%
ECO103231	BPT100865	64%	99.4%	99.4%
ECO103231	BBU100489	59%	97.8%	96.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103231	BCE101479	66%	99.4%	99.4%
ECO103231	BFU100385	66%	99.4%	99.4%
ECO103231	BMA102975	65%	99.4%	99.4%
ECO103231	CJU101599	47%	100%	98.9%
ECO103231	CPN200110	51%	100%	98.9%
ECO103231	CTR200792	50%	100%	98.9%
ECO103231	CAC100782	56%	97.8%	97.2%
ECO103231	CBO103765	56%	100%	99.4%
ECO103231	CDF100751	53%	99.4%	98.9%
ECO103231	CDP101582	57%	98.9%	94.7%
ECO103231	EBC103664	98%	100%	100%
ECO103231	EFA201985	60%	100%	100%
ECO103231	EFM200921	59%	100%	100%
ECO103231	ECO103231	100%	100%	100%
ECO103231	HIN100770	90%	100%	100%
ECO103231	HPY101289	46%	100%	98.9%
ECO103231	KPN300575	100%	79.3%	100%
ECO103231	LPN102846	67%	41.3%	93.7%
ECO103231	LMO101852	60%	100%	100%
ECO103231	MCA100155	66%	99.4%	100%
ECO103231	MAV102069	57%	98.9%	94.7%
ECO103231	MBV101640	57%	98.9%	94.7%
ECO103231	MLP101125	57%	98.9%	94.7%
ECO103231	MTU200713	57%	98.9%	94.7%
ECO103231	MGE100166	54%	100%	99.4%
ECO103231	MPN100654	55%	100%	99.4%
ECO103231	NGO100929	68%	99.4%	99.4%
ECO103231	NME200111	69%	99.4%	99.4%
ECO103231	PMU101403	92%	100%	100%
ECO103231	PRT100553	95%	100%	94.2%
ECO103231	PAE204249	68%	99.4%	99.4%
ECO103231	PPU104523	67%	99.4%	99.4%
ECO103231	PSY100243	78%	46.4%	98.8%
ECO103231	SPA104334	98%	100%	100%
ECO103231	STY101807	98%	100%	100%
ECO103231	SAU802238	60%	100%	100%
ECO103231	SEP200260	60%	100%	100%
ECO103231	SHA100780	60%	100%	100%
ECO103231	SMU100604	61%	98.9%	98.3%
ECO103231	SPN400201	61%	98.9%	98.3%
ECO103231	SPY200049	61%	98.9%	98.3%
ECO103231	TPA100199	55%	96.1%	93.0%
ECO103231	UUR100245	55%	100%	97.3%
ECO103231	VCH102547	84%	100%	100%
ECO103231	YPS002451	95%	100%	100%
ECO103232	ABA102168	56%	87.5%	98.9%
ECO103232	BAN110382	53%	91.3%	92.2%
ECO103232	BAN104944	52%	95.2%	96.1%
ECO103232	BFR103505	48%	96.2%	95.3%
ECO103232	BPT104094	58%	95.2%	93.4%
ECO103232	BBU100488	42%	99.0%	100%
ECO103232	BCE110380	55%	96.2%	96.1%
ECO103232	BFU100383	60%	91.3%	91.2%
ECO103232	BMA108868	56%	96.2%	96.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103232	CJU101600	47%	65.4%	88.3%
ECO103232	CPN200109	44%	65.4%	59.5%
ECO103232	CTR200793	45%	61.5%	55.9%
ECO103232	CAC102906	38%	94.2%	93.4%
ECO103232	CBO100250	46%	94.2%	94.3%
ECO103232	CDF103678	51%	87.5%	89.2%
ECO103232	CDP101580	45%	96.2%	99.0%
ECO103232	EBC103629	98%	100%	100%
ECO103232	EFA205255	50%	95.2%	96.1%
ECO103232	EFM201757	53%	95.2%	96.1%
ECO103232	ECO103232	100%	100%	100%
ECO103232	HIN100769	76%	99.0%	100%
ECO103232	HPY101290	43%	67.3%	95.9%
ECO103232	KPN305017	100%	100%	100%
ECO103232	LMO101665	47%	95.2%	96.1%
ECO103232	MCA100154	51%	97.1%	96.2%
ECO103232	MAV102067	45%	96.2%	99.0%
ECO103232	MBV101639	41%	96.2%	99.0%
ECO103232	MLP101126	42%	96.2%	99.0%
ECO103232	MTU200712	41%	96.2%	99.0%
ECO103232	MGE100165	33%	96.2%	98.1%
ECO103232	MPN100655	32%	96.2%	98.2%
ECO103232	NGO100931	52%	96.2%	96.3%
ECO103232	NME200112	51%	96.2%	96.3%
ECO103232	PMU101404	76%	99.0%	100%
ECO103232	PRT103501	92%	37.5%	100%
ECO103232	PAE204250	65%	97.1%	97.1%
ECO103232	PPU104522	62%	96.2%	96.2%
ECO103232	PSY100105	65%	96.2%	96.2%
ECO103232	SPA104335	97%	100%	100%
ECO103232	STY101806	99%	100%	100%
ECO103232	SAU802239	53%	96.2%	95.2%
ECO103232	SEP200261	51%	96.2%	95.2%
ECO103232	SHA101599	53%	66.3%	95.8%
ECO103232	SMU100605	47%	95.2%	97.0%
ECO103232	SPN400200	52%	95.2%	97.0%
ECO103232	SPY200048	47%	95.2%	97.0%
ECO103232	TPA100198	45%	96.2%	95.1%
ECO103232	UUR100244	38%	94.2%	92.7%
ECO103232	VCH102548	80%	99.0%	98.1%
ECO103232	YPS002450	96%	100%	100%
ECO103233	ABA102167	83%	91.1%	96.5%
ECO103233	BAN108009	66%	100%	100%
ECO103233	BFR100659	63%	100%	100%
ECO103233	BPT100864	76%	100%	100%
ECO103233	BBU100487	60%	100%	98.4%
ECO103233	BCE113728	76%	100%	100%
ECO103233	BFU100381	77%	100%	100%
ECO103233	BMA101057	76%	100%	100%
ECO103233	CJU101601	68%	100%	100%
ECO103233	CPN200108	55%	100%	100%
ECO103233	CTR200794	57%	100%	100%
ECO103233	CAC101685	64%	100%	100%
ECO103233	CBO100636	61%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103233	CDF102312	62%	100%	100%
ECO103233	CDP101578	65%	100%	100%
ECO103233	EBC103643	98%	100%	100%
ECO103233	EFA201986	62%	100%	100%
ECO103233	EFM201996	63%	100%	100%
ECO103233	ECO103233	100%	100%	100%
ECO103233	HIN100768	94%	100%	100%
ECO103233	HPY101291	65%	100%	100%
ECO103233	KPN305016	97%	67.5%	100%
ECO103233	LMO100716	62%	100%	100%
ECO103233	MCA100153	84%	100%	100%
ECO103233	MAV102065	65%	100%	100%
ECO103233	MBV101638	65%	100%	100%
ECO103233	MLP101127	65%	92.7%	100%
ECO103233	MTU200711	65%	100%	100%
ECO103233	MGE100164	56%	100%	100%
ECO103233	MPN100656	56%	100%	100%
ECO103233	NGO100934	78%	100%	100%
ECO103233	NME200113	78%	100%	100%
ECO103233	PMU101405	94%	100%	100%
ECO103233	PRT103251	96%	97.6%	100%
ECO103233	PAE204251	85%	100%	100%
ECO103233	PPU108200	84%	100%	100%
ECO103233	PSY100106	84%	100%	100%
ECO103233	SPA104303	98%	100%	100%
ECO103233	STY101805	98%	100%	100%
ECO103233	SAU802240	66%	100%	100%
ECO103233	SEP200262	68%	100%	100%
ECO103233	SHA100778	67%	100%	85.3%
ECO103233	SMU100606	62%	100%	100%
ECO103233	SPN400199	63%	100%	100%
ECO103233	SPY200047	63%	100%	100%
ECO103233	TPA100197	64%	100%	100%
ECO103233	UUR100243	58%	100%	100%
ECO103233	VCH102549	90%	100%	100%
ECO103233	YPS002449	97%	100%	100%
ECO103234	BAN105005	52%	89.3%	86.2%
ECO103234	BFR100428	60%	86.9%	85.9%
ECO103234	BPT104067	57%	91.7%	82.8%
ECO103234	BBU100486	51%	90.5%	90.5%
ECO103234	BCE100913	61%	91.7%	85.6%
ECO103234	BFU103897	60%	41.7%	77.8%
ECO103234	BMA102592	57%	91.7%	85.6%
ECO103234	CJU101602	48%	92.9%	94.0%
ECO103234	CPN200107	45%	83.3%	80.2%
ECO103234	CTR200795	47%	84.5%	84.3%
ECO103234	CAC101333	59%	91.7%	91.7%
ECO103234	CBO101908	62%	91.7%	91.7%
ECO103234	CDF102812	65%	85.7%	85.7%
ECO103234	CDP102662	54%	94.0%	83.7%
ECO103234	EBC103647	97%	100%	100%
ECO103234	EFA205257	54%	94.0%	83.2%
ECO103234	EFM201704	55%	94.0%	89.8%
ECO103234	ECO103234	100%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103234	HIN100766	85%	100%	98.8%
ECO103234	HPY101292	50%	88.1%	86.0%
ECO103234	KPN204999	96%	100%	100%
ECO103234	LMO101712	56%	89.3%	86.2%
ECO103234	MCA101811	56%	97.6%	91.1%
ECO103234	MAV102052	57%	91.7%	65.8%
ECO103234	MBV101010	54%	91.7%	56.6%
ECO103234	MLP101128	57%	86.9%	57.5%
ECO103234	MTU200707	54%	91.7%	56.6%
ECO103234	MGE100163	41%	91.7%	91.8%
ECO103234	MPN100657	38%	91.7%	91.8%
ECO103234	NGO102122	64%	96.4%	93.1%
ECO103234	NME200114	65%	96.4%	93.1%
ECO103234	PMU101406	83%	100%	98.8%
ECO103234	PRT103498	79%	81.0%	100%
ECO103234	PAE204252	70%	94.0%	89.8%
ECO103234	PPU104520	72%	94.0%	87.8%
ECO103234	PSY107655	69%	94.0%	89.8%
ECO103234	SPA104305	82%	100%	100%
ECO103234	STY101804	98%	100%	100%
ECO103234	SAU802241	49%	89.3%	86.2%
ECO103234	SEP200263	50%	89.3%	86.2%
ECO103234	SHA100777	49%	89.3%	86.2%
ECO103234	SMU100607	56%	94.0%	91.9%
ECO103234	SPN400198	54%	94.0%	91.9%
ECO103234	SPY200046	56%	94.0%	91.9%
ECO103234	TPA100196	49%	91.7%	91.7%
ECO103234	UUR100242	48%	91.7%	91.7%
ECO103234	VCH102550	86%	97.6%	97.6%
ECO103234	YPS002447	94%	100%	100%
ECO103235	BAN110808	40%	95.2%	90.9%
ECO103235	BFR105960	29%	95.2%	92.3%
ECO103235	BPT104063	59%	98.4%	98.4%
ECO103235	BBU100485	26%	88.9%	84.8%
ECO103235	BCE113660	54%	96.8%	95.3%
ECO103235	BFU103895	57%	96.8%	93.8%
ECO103235	BMA106564	55%	96.8%	95.3%
ECO103235	CJU101603	32%	92.1%	95.1%
ECO103235	CTR200796	35%	88.9%	79.2%
ECO103235	CAC100885	51%	95.2%	89.6%
ECO103235	CBO100087	42%	95.2%	90%
ECO103235	CDF101032	48%	95.2%	84.5%
ECO103235	CDP102152	50%	92.1%	76.3%
ECO103235	EBC103651	92%	100%	100%
ECO103235	EFA205258	45%	96.8%	98.4%
ECO103235	EFM200524	45%	96.8%	98.4%
ECO103235	ECO103235	100%	100%	100%
ECO103235	HIN100765	75%	98.4%	98.4%
ECO103235	HPY101293	37%	92.1%	87.9%
ECO103235	KPN205610	93%	100%	100%
ECO103235	LMO100756	40%	95.2%	95.2%
ECO103235	MCA100557	50%	95.2%	92.3%
ECO103235	MAV108778	46%	88.9%	72.7%
ECO103235	MBV101011	46%	88.9%	72.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103235	MLP101129	48%	88.9%	69.1%
ECO103235	MTU200706	46%	88.9%	72.7%
ECO103235	MGE100162	41%	92.1%	29%
ECO103235	MPN100658	43%	92.1%	52.3%
ECO103235	NGO103266	63%	95.2%	95.2%
ECO103235	NME200115	63%	95.2%	95.2%
ECO103235	PMU101407	77%	98.4%	98.4%
ECO103235	PRT104948	91%	73.0%	100%
ECO103235	PAE204253	75%	98.4%	98.4%
ECO103235	PPU108202	72%	98.4%	96.9%
ECO103235	PSY103398	72%	98.4%	96.9%
ECO103235	SPA104959	100%	47.6%	71.4%
ECO103235	STY107537	98%	100%	100%
ECO103235	SAU802242	40%	95.2%	87.0%
ECO103235	SEP202582	40%	95.2%	87.0%
ECO103235	SHA103379	40%	95.2%	87.0%
ECO103235	SMU102853	50%	88.9%	81.2%
ECO103235	SPN400197	50%	88.9%	82.4%
ECO103235	SPY200045	48%	88.9%	82.4%
ECO103235	UUR100241	36%	92.1%	77.3%
ECO103235	VCH102551	82%	100%	100%
ECO103235	YPS005126	93%	100%	100%
ECO103236	ABA100087	75%	85.3%	98.3%
ECO103236	BAN105442	58%	97.8%	93.1%
ECO103236	BFR12478	59%	97.8%	93.1%
ECO103236	BPT104060	75%	99.3%	98.6%
ECO103236	BBU100484	55%	97.8%	97.1%
ECO103236	BCE110254	75%	97.8%	97.1%
ECO103236	BFU100274	76%	97.8%	97.1%
ECO103236	BMA108797	76%	97.8%	97.1%
ECO103236	CJU101604	67%	97.8%	95.0%
ECO103236	CPN200105	53%	97.8%	97.1%
ECO103236	CTR200797	55%	97.8%	97.1%
ECO103236	CAC102622	56%	97.8%	91.2%
ECO103236	CBO103643	56%	97.8%	91.2%
ECO103236	CDF100749	55%	97.8%	93.7%
ECO103236	CDP101572	54%	52.2%	94.7%
ECO103236	EBC103654	97%	100%	100%
ECO103236	EFA201987	53%	100%	95.1%
ECO103236	EFM200770	54%	100%	95.1%
ECO103236	ECO103236	100%	100%	100%
ECO103236	HIN100764	89%	100%	100%
ECO103236	HPY101294	62%	97.1%	94.3%
ECO103236	KPN300638	95%	91.2%	100%
ECO103236	LMO101423	55%	97.8%	93.1%
ECO103236	MCA100019	77%	100%	100%
ECO103236	MAV102093	50%	97.8%	97.1%
ECO103236	MBV101012	48%	94.9%	94.2%
ECO103236	MLP101130	49%	97.8%	97.1%
ECO103236	MTU200705	49%	97.8%	97.1%
ECO103236	MGE100161	45%	92.6%	92.0%
ECO103236	MPN100659	47%	92.6%	91.4%
ECO103236	NGO100936	79%	99.3%	98.6%
ECO103236	NME200116	79%	99.3%	98.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103236	PMU101408	92%	100%	100%
ECO103236	PRT100078	94%	100%	100%
ECO103236	PAE204254	77%	100%	100%
ECO103236	PPU104518	78%	100%	100%
ECO103236	PSY103397	78%	100%	100%
ECO103236	SPA104307	98%	100%	100%
ECO103236	STY101803	98%	100%	100%
ECO103236	SAU802243	54%	97.8%	93.1%
ECO103236	SEP200265	53%	97.8%	93.1%
ECO103236	SHA100775	53%	97.8%	93.1%
ECO103236	SMU100608	53%	97.8%	97.8%
ECO103236	SPN400196	53%	97.8%	97.8%
ECO103236	SPY200044	54%	97.8%	97.8%
ECO103236	TPA100194	54%	97.1%	95.7%
ECO103236	UUR100240	52%	97.8%	97.1%
ECO103236	VCH102552	87%	100%	100%
ECO103236	YPS002443	91%	100%	100%
ECO103237	ABA100086	68%	98.3%	99.1%
ECO103237	BAN112122	55%	78.1%	100%
ECO103237	BAN102487	57%	89.3%	94.5%
ECO103237	BFR10672	54%	89.7%	85.2%
ECO103237	BPT100851	61%	100%	87.1%
ECO103237	BBU100483	47%	89.7%	72.4%
ECO103237	BCE110191	62%	99.1%	87.2%
ECO103237	BFU100273	60%	100%	99.1%
ECO103237	BMA108753	62%	99.1%	87.2%
ECO103237	CJU101605	57%	98.3%	99.1%
ECO103237	CPN200104	53%	95.3%	97.8%
ECO103237	CTR200798	55%	88.4%	92.0%
ECO103237	CAC103109	55%	89.3%	94.1%
ECO103237	CBO100517	54%	95.3%	100%
ECO103237	CDF100748	51%	98.7%	82.3%
ECO103237	CDP101570	53%	98.3%	89.8%
ECO103237	EBC103657	100%	100%	100%
ECO103237	EFA201993	59%	89.3%	95.0%
ECO103237	BFM201332	57%	89.3%	95.0%
ECO103237	ECO103237	100%	100%	100%
ECO103237	HIN100763	87%	100%	100%
ECO103237	HPY101295	55%	100%	98.7%
ECO103237	KPN300639	99%	100%	100%
ECO103237	LMO101810	59%	89.3%	95.0%
ECO103237	MCA100254	63%	100%	97.9%
ECO103237	MAV102092	49%	99.1%	85.4%
ECO103237	MBV101013	49%	100%	85.4%
ECO103237	MLP101131	50%	98.3%	81.5%
ECO103237	MTU200704	49%	100%	85.4%
ECO103237	MGE100160	41%	98.7%	86.2%
ECO103237	MPN100660	41%	99.6%	87.2%
ECO103237	NGO100939	59%	98.3%	97.8%
ECO103237	NME200117	60%	98.3%	97.8%
ECO103237	PMU101409	88%	100%	100%
ECO103237	PRT103066	97%	100%	100%
ECO103237	PAE204255	73%	96.6%	98.7%
ECO103237	PPU104517	72%	98.7%	96.2%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103237	PSY103396	71%	98.7%	100%
ECO103237	SPA104309	100%	100%	100%
ECO103237	STY101802	100%	100%	100%
ECO103237	SAU802244	55%	89.3%	95.4%
ECO103237	SEP200267	53%	89.3%	95.4%
ECO103237	SHA100774	54%	89.3%	95.4%
ECO103237	SMU100609	57%	89.3%	95.4%
ECO103237	SPN400195	57%	89.3%	95.4%
ECO103237	SPY200043	57%	89.3%	95.4%
ECO103237	TPA100193	48%	89.7%	85.4%
ECO103237	UUR100239	43%	89.7%	82.5%
ECO103237	VCH102553	87%	100%	100%
ECO103237	YPS002439	98%	100%	100%
ECO103238	ABA100085	74%	97.3%	97.3%
ECO103238	BAN109858	53%	100%	97.4%
ECO103238	BAN111310	60%	100%	97.3%
ECO103238	BFR102815	46%	96.4%	91.5%
ECO103238	BPT104052	70%	97.3%	98.2%
ECO103238	BBU100482	42%	96.4%	89.2%
ECO103238	BCE103775	61%	99.1%	100%
ECO103238	BFU100272	61%	99.1%	100%
ECO103238	BMA104499	61%	99.1%	100%
ECO103238	CJU101606	35%	89.1%	66.7%
ECO103238	CPN200103	41%	96.4%	95.5%
ECO103238	CTR200799	41%	96.4%	95.5%
ECO103238	CAC102305	50%	100%	99.1%
ECO103238	CBO100872	49%	100%	99.1%
ECO103238	CDF103249	48%	100%	92.4%
ECO103238	CDP102437	52%	96.4%	88.3%
ECO103238	EBC103660	97%	100%	100%
ECO103238	EFA201995	54%	96.4%	90.6%
ECO103238	EFM202159	55%	96.4%	92.2%
ECO103238	ECO103238	100%	100%	100%
ECO103238	HIN100762	91%	100%	100%
ECO103238	HPY101296	40%	92.7%	80.3%
ECO103238	KPN300640	97%	44.5%	100%
ECO103238	LMO100543	59%	90%	83.9%
ECO103238	MCA100253	70%	99.1%	100%
ECO103238	MAV102091	54%	97.3%	59.4%
ECO103238	MBV101014	53%	97.3%	54.3%
ECO103238	MLP101132	52%	97.3%	61.1%
ECO103238	MTU200703	53%	97.3%	54.3%
ECO103238	MGE100159	44%	99.1%	75.7%
ECO103238	MPN100661	50%	99.1%	59.2%
ECO103238	NGO102695	66%	99.1%	100%
ECO103238	NME200118	66%	99.1%	100%
ECO103238	PMU101410	90%	100%	100%
ECO103238	PRT103067	95%	100%	100%
ECO103238	PAE204256	69%	100%	100%
ECO103238	PPU104507	69%	100%	100%
ECO103238	PSY107686	69%	83.6%	100%
ECO103238	SPA104311	100%	100%	100%
ECO103238	STY101801	100%	100%	100%
ECO103238	SAU802245	54%	99.1%	93.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103238	SEP200269	54%	99.1%	93.2%
ECO103238	SHA100773	54%	99.1%	93.2%
ECO103238	SMU100610	53%	96.4%	93.0%
ECO103238	SPN400194	54%	96.4%	93.0%
ECO103238	SPY200042	55%	96.4%	93.0%
ECO103238	TPA100192	41%	95.5%	85.5%
ECO103238	UUR100238	47%	92.7%	33.1%
ECO103238	VCH102554	81%	100%	100%
ECO103238	YPS001865	97%	100%	100%
ECO103239	ABA100084	72%	98.9%	100%
ECO103239	BAN101977	54%	95.7%	96.6%
ECO103239	BAN110916	65%	100%	100%
ECO103239	BFR104321	62%	95.7%	98.9%
ECO103239	BPT104048	70%	98.9%	100%
ECO103239	BBU100481	52%	98.9%	100%
ECO103239	BCE112635	76%	98.9%	100%
ECO103239	BFU104367	76%	98.9%	100%
ECO103239	BMA100281	76%	98.9%	100%
ECO103239	CJU101607	58%	97.8%	96.8%
ECO103239	CPN200102	57%	94.6%	98.9%
ECO103239	CTR200800	58%	94.6%	98.9%
ECO103239	CAC101096	61%	95.7%	94.6%
ECO103239	CBO102193	62%	96.7%	84.5%
ECO103239	CDF103424	59%	100%	98.9%
ECO103239	CDP101567	65%	100%	100%
ECO103239	EBC103663	100%	100%	100%
ECO103239	EFA201997	66%	100%	100%
ECO103239	EFM202484	66%	100%	100%
ECO103239	ECO103239	100%	100%	100%
ECO103239	HIN100761	90%	98.9%	100%
ECO103239	HPY101297	61%	97.8%	96.8%
ECO103239	KPN300699	98%	100%	100%
ECO103239	LMO100277	69%	100%	100%
ECO103239	MCA100252	72%	98.9%	100%
ECO103239	MAV102090	67%	100%	100%
ECO103239	MBV101015	66%	100%	98.9%
ECO103239	MLP101133	67%	100%	100%
ECO103239	MTU200702	66%	100%	98.9%
ECO103239	MGE100158	58%	94.6%	100%
ECO103239	MPN100662	58%	94.6%	100%
ECO103239	NGO102970	73%	100%	100%
ECO103239	NME200119	75%	100%	100%
ECO103239	PMU101411	90%	98.9%	100%
ECO103239	PRT100323	95%	100%	100%
ECO103239	PAE204257	82%	98.9%	100%
ECO103239	PPU111002	81%	98.9%	100%
ECO103239	PSY101086	79%	98.9%	100%
ECO103239	SPA104313	98%	100%	100%
ECO103239	STY101800	98%	100%	100%
ECO103239	SAU802246	65%	100%	100%
ECO103239	SEP200271	66%	100%	100%
ECO103239	SHA100772	66%	100%	100%
ECO103239	SMU102869	65%	41.3%	95%
ECO103239	SPN400192	67%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103239	SPY200041	66%	100%	100%
ECO103239	TPA100191	55%	95.7%	96.8%
ECO103239	UUR100237	60%	95.7%	100%
ECO103239	VCH102555	93%	100%	100%
ECO103239	YPS001864	95%	100%	100%
ECO103240	ABA100083	72%	99.3%	98.9%
ECO103240	BAN100305	61%	58.2%	99.4%
ECO103240	BFR10675	53%	100%	100%
ECO103240	BPT100850	67%	100%	99.6%
ECO103240	BBU100480	55%	100%	100%
ECO103240	BCE100228	71%	100%	99.6%
ECO103240	BFU100271	70%	100%	99.6%
ECO103240	BMA102202	70%	100%	99.6%
ECO103240	CJU101608	55%	99.3%	98.9%
ECO103240	CPN200101	55%	98.5%	98.9%
ECO103240	CTR200801	53%	98.5%	98.9%
ECO103240	CAC101509	56%	99.6%	99.3%
ECO103240	CBO101184	56%	99.3%	98.9%
ECO103240	CDF100747	57%	100%	100%
ECO103240	CDP101565	56%	99.3%	97.1%
ECO103240	EBC103628	99%	100%	100%
ECO103240	EFA201999	58%	100%	100%
ECO103240	EFM200310	59%	82.1%	98.7%
ECO103240	ECO103240	100%	100%	100%
ECO103240	HIN100760	85%	100%	100%
ECO103240	HPY101298	50%	99.3%	98.9%
ECO103240	KPN300698	98%	100%	100%
ECO103240	LMO100597	58%	100%	99.6%
ECO103240	MCA100251	72%	99.3%	98.5%
ECO103240	MAV102089	56%	99.3%	97.1%
ECO103240	MBV101016	56%	99.3%	97.1%
ECO103240	MLP101134	54%	99.3%	97.1%
ECO103240	MTU200701	56%	99.3%	97.1%
ECO103240	MGE100157	48%	99.3%	98.2%
ECO103240	MPN100663	51%	91.2%	88.9%
ECO103240	NGO101613	67%	99.3%	98.2%
ECO103240	NME200120	67%	99.3%	98.2%
ECO103240	PMU101412	86%	100%	100%
ECO103240	PRT100324	92%	100%	99.6%
ECO103240	PAE204258	79%	99.3%	99.6%
ECO103240	PPU104505	76%	99.3%	99.6%
ECO103240	PSY107059	77%	99.3%	99.6%
ECO103240	SPA104315	98%	100%	100%
ECO103240	STY101789	99%	100%	100%
ECO103240	SAU802247	58%	100%	99.6%
ECO103240	SEP200273	58%	100%	99.6%
ECO103240	SHA100771	58%	100%	99.6%
ECO103240	SPN400191	56%	100%	99.6%
ECO103240	SPY200040	56%	100%	99.6%
ECO103240	TPA100190	56%	99.3%	99.6%
ECO103240	UUR100236	53%	100%	100%
ECO103240	VCH102556	83%	100%	100%
ECO103240	YPS001863	95%	100%	99.6%
ECO103241	ABA100082	53%	93%	87.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103241	BFR102748	40%	86%	93.8%
ECO103241	BPT104043	54%	91%	92.9%
ECO103241	BBU100479	40%	85%	88.3%
ECO103241	BCE100645	54%	97%	93.3%
ECO103241	BFU103900	53%	97%	93.3%
ECO103241	BMA108040	54%	97%	93.3%
ECO103241	CJU101609	33%	74%	79.6%
ECO103241	CPN200100	33%	88%	83.8%
ECO103241	CTR200802	37%	76%	71.2%
ECO103241	CAC102428	38%	91%	92.9%
ECO103241	CBO102507	39%	89%	91.8%
ECO103241	CDF101975	48%	89%	92.7%
ECO103241	CDP102947	45%	89%	88.1%
ECO103241	EBC101608	94%	98%	100%
ECO103241	EFA205285	38%	83%	85.4%
ECO103241	ECO103241	100%	100%	100%
ECO103241	HIN100759	73%	97%	98.0%
ECO103241	HPY101299	31%	77%	82.8%
ECO103241	KPN300697	99%	100%	100%
ECO103241	LMO100631	35%	78%	81.9%
ECO103241	MCA100250	52%	95%	88.1%
ECO103241	MAV102088	37%	88%	88%
ECO103241	MBV101017	38%	88%	88%
ECO103241	MLP101135	39%	88%	88%
ECO103241	MTU200700	38%	88%	88%
ECO103241	MGE100156	27%	88%	84.9%
ECO103241	NGO102702	51%	98%	94.2%
ECO103241	NME200121	52%	98%	92.5%
ECO103241	PMU101413	74%	100%	100%
ECO103241	PRT100325	96%	100%	100%
ECO103241	PAE204259	53%	99%	100%
ECO103241	PPU102891	55%	99%	100%
ECO103241	PSY107072	54%	99%	100%
ECO103241	SPA104317	99%	100%	100%
ECO103241	STY101788	99%	100%	100%
ECO103241	SAU802248	38%	81%	87.9%
ECO103241	SEP200275	39%	81%	87.9%
ECO103241	SHA100770	40%	81%	87.9%
ECO103241	SPN400190	39%	81%	82.7%
ECO103241	SPY200039	40%	81%	82.7%
ECO103241	TPA100189	42%	84%	88.3%
ECO103241	VCH102557	81%	100%	100%
ECO103241	YPS005095	92%	100%	100%
ECO103242	ABA100081	70%	93.5%	94%
ECO103242	BFR10676	34%	97.0%	94.7%
ECO103242	BPT100849	58%	98.0%	97.6%
ECO103242	BBU100478	32%	93.0%	90.9%
ECO103242	BCE103118	56%	95.5%	93.7%
ECO103242	BFU100270	54%	100%	100%
ECO103242	BMA104332	55%	64.2%	100%
ECO103242	CJU101610	34%	87.1%	86.3%
ECO103242	CPN200099	32%	86.6%	83.0%
ECO103242	CTR200803	33%	90.5%	87.4%
ECO103242	CAC100377	41%	94.5%	92.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103242	CBO103307	43%	94.5%	92.2%
ECO103242	CDF100746	39%	94.5%	88.0%
ECO103242	CDP101562	38%	87.1%	81.6%
ECO103242	EBC101609	98%	100%	100%
ECO103242	EFA202001	42%	94.5%	92.3%
ECO103242	ECO103242	100%	100%	100%
ECO103242	HIN100758	83%	100%	100%
ECO103242	HPY101300	40%	86.1%	84.7%
ECO103242	KPN300696	98%	100%	100%
ECO103242	LMO102640	43%	100%	98.6%
ECO103242	MCA100249	66%	95.5%	96%
ECO103242	MAV102087	37%	92.5%	86.6%
ECO103242	MBV101018	38%	91.0%	83.0%
ECO103242	MLP101136	37%	87.1%	77.0%
ECO103242	MTU200699	38%	91.0%	83.0%
ECO103242	MGE100155	32%	86.1%	84.4%
ECO103242	MPN100665	31%	91.5%	89.2%
ECO103242	NGO101615	55%	98.5%	98.5%
ECO103242	NME200122	54%	98.5%	98.5%
ECO103242	PMU101414	87%	100%	100%
ECO103242	PRT103342	93%	100%	100%
ECO103242	PAE204260	67%	99.5%	99.5%
ECO103242	PPU104504	68%	99.5%	99.5%
ECO103242	PSY108736	68%	99.5%	99.5%
ECO103242	SPA104319	99%	100%	100%
ECO103242	STY101787	100%	100%	100%
ECO103242	SAU802249	40%	94.5%	92.3%
ECO103242	SEP200280	41%	95.0%	92.8%
ECO103242	SHA100769	40%	94.5%	92.3%
ECO103242	SPN400189	42%	94.5%	92.3%
ECO103242	SPY200038	42%	95.5%	93.2%
ECO103242	TPA100188	33%	95.0%	88.9%
ECO103242	UUR100234	35%	80.1%	78.2%
ECO103242	VCH102558	84%	100%	100%
ECO103242	YPS001862	94%	100%	100%
ECO103243	ABA100080	75%	46.9%	100%
ECO103243	BFR10677	52%	97.6%	99.5%
ECO103243	BPT100848	67%	99.5%	92.1%
ECO103243	BBU100477	45%	99.5%	100%
ECO103243	BCE112456	60%	99.0%	96.3%
ECO103243	BFU100269	59%	99.0%	95.4%
ECO103243	BMA106660	60%	99.0%	95.4%
ECO103243	CJU101611	35%	92.3%	93.2%
ECO103243	CPN200098	46%	97.1%	95.9%
ECO103243	CTR200804	43%	97.1%	95.0%
ECO103243	CAC103369	46%	99.0%	98.6%
ECO103243	CBO101061	45%	98.6%	94.9%
ECO103243	CDF100745	51%	99.5%	98.6%
ECO103243	CDP100915	50%	98.6%	94.5%
ECO103243	EBC101610	99%	100%	100%
ECO103243	EFA202003	50%	99.0%	98.1%
ECO103243	ECO103243	100%	100%	100%
ECO103243	HIN100757	85%	100%	100%
ECO103243	HPY101301	35%	92.3%	93.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103243	KPN300695	98%	44.0%	100%
ECO103243	LMO102018	46%	99.0%	98.1%
ECO103243	MCA100248	66%	100%	99.5%
ECO103243	MAV102086	50%	98.6%	96.3%
ECO103243	MBV100990	50%	98.6%	96.3%
ECO103243	MLP101137	50%	98.6%	95.9%
ECO103243	MTU200698	50%	98.6%	96.3%
ECO103243	MGE100154	39%	98.6%	80.9%
ECO103243	MPN100666	39%	98.6%	72.5%
ECO103243	NGO101617	67%	99.0%	97.7%
ECO103243	NME200123	67%	99.0%	97.7%
ECO103243	PMU101415	86%	100%	100%
ECO103243	PRT102977	92%	100%	100%
ECO103243	PAE204261	74%	99.5%	98.1%
ECO103243	PPU111511	74%	99.5%	98.1%
ECO103243	PSY106254	73%	99.5%	93.2%
ECO103243	SPA104320	95%	100%	100%
ECO103243	STY101786	98%	100%	100%
ECO103243	SAU802250	43%	98.6%	96.8%
ECO103243	SEP200281	46%	92.3%	90.9%
ECO103243	SHA100768	45%	61.2%	96.9%
ECO103243	SMU100611	53%	99.0%	97.6%
ECO103243	SPN400188	53%	99.0%	97.6%
ECO103243	SPY200037	51%	99.0%	97.6%
ECO103243	TPA100187	45%	99.5%	98.6%
ECO103243	UUR100233	41%	99.5%	89.3%
ECO103243	VCH102559	83%	100%	100%
ECO103243	YPS001861	93%	100%	100%
ECO103244	ABA100720	80%	64.1%	100%
ECO103244	BAN112470	60%	81.6%	100%
ECO103244	BFR102501	54%	97.1%	99.0%
ECO103244	BPT104019	76%	99.0%	85.7%
ECO103244	BBU100476	53%	93.2%	93.2%
ECO103244	BCE114850	76%	99.0%	82.3%
ECO103244	BFU100268	77%	99.0%	71.3%
ECO103244	BMA104676	76%	99.0%	99.0%
ECO103244	CJU101612	58%	94.2%	94.2%
ECO103244	CPN200200	66%	96.1%	94.3%
ECO103244	CTR200710	67%	96.1%	94.3%
ECO103244	CAC101769	65%	99.0%	100%
ECO103244	CBO101448	66%	99.0%	100%
ECO103244	CDF104153	60%	61.2%	100%
ECO103244	CDP100914	61%	97.1%	99.0%
ECO103244	EBC101611	98%	100%	100%
ECO103244	EFA205288	61%	99.0%	100%
ECO103244	ECO103244	100%	100%	100%
ECO103244	HIN100756	98%	100%	87.3%
ECO103244	HPY101302	57%	95.1%	94.2%
ECO103244	KPN304660	97%	100%	95.4%
ECO103244	LMO100137	63%	99.0%	100%
ECO103244	MCA101858	82%	100%	100%
ECO103244	MAV102085	61%	97.1%	99.0%
ECO103244	MBV100992	61%	97.1%	99.0%
ECO103244	MLP101138	61%	97.1%	99.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103244	MTU200697	61%	97.1%	99.0%
ECO103244	MGE100153	37%	93.2%	90.6%
ECO103244	MPN100667	38%	93.2%	88.9%
ECO103244	NGO102546	70%	99.0%	99.0%
ECO103244	NME200127	70%	99.0%	99.0%
ECO103244	PMU101416	98%	100%	100%
ECO103244	PRT100142	98%	100%	100%
ECO103244	PAE204262	90%	100%	100%
ECO103244	PPU104502	88%	91.3%	100%
ECO103244	PSY106273	90%	100%	83.1%
ECO103244	SPA104323	81%	100%	95.5%
ECO103244	STY101785	98%	100%	100%
ECO103244	SAU802251	62%	99.0%	100%
ECO103244	SEP200282	62%	99.0%	100%
ECO103244	SHA102423	60%	99.0%	100%
ECO103244	SMU100612	60%	99.0%	100%
ECO103244	SPN400187	61%	99.0%	100%
ECO103244	SPY200036	59%	99.0%	100%
ECO103244	TPA100186	56%	97.1%	98.0%
ECO103244	UUR100232	52%	97.1%	99.0%
ECO103244	VCH102560	93%	100%	100%
ECO103244	YPS005092	98%	100%	100%
ECO103245	ECO103245	100%	100%	100%
ECO103246	ABA103556	32%	13.1%	48.1%
ECO103246	ECO103246	100%	100%	100%
ECO103246	VCH102409	22%	60.9%	57.1%
ECO103262	ABA100233	85%	33.5%	98.5%
ECO103262	ABA100062	85%	99.5%	99.5%
ECO103262	BAN106076	75%	99.7%	99.7%
ECO103262	BFR12122	72%	99.7%	99.7%
ECO103262	BPT100044	81%	99.7%	99.7%
ECO103262	BPT100847	81%	99.7%	99.7%
ECO103262	BBU100475	64%	99.7%	98.0%
ECO103262	BCE112288	75%	15.5%	98.4%
ECO103262	BCE106056	83%	52.5%	100%
ECO103262	BCE108906	81%	99.7%	99.7%
ECO103262	BFU100267	74%	37.3%	99.3%
ECO103262	BFU100847	80%	99.7%	99.7%
ECO103262	BMA107343	79%	95.9%	100%
ECO103262	BMA106305	80%	99.7%	99.7%
ECO103262	CJU100435	73%	99.7%	99.7%
ECO103262	CPN200689	69%	99.5%	99.5%
ECO103262	CTR200588	68%	99.7%	98.5%
ECO103262	CAC103049	73%	99.7%	99.7%
ECO103262	CBO100671	69%	10.9%	95.6%
ECO103262	CBO101209	75%	59.1%	100%
ECO103262	CBO101304	73%	99.5%	99.5%
ECO103262	CDF100547	74%	99.7%	95.9%
ECO103262	CDP100912	72%	99.7%	99.7%
ECO103262	EBC101615	99%	34.0%	100%
ECO103262	EBC100362	98%	47.7%	100%
ECO103262	EBC102891	98%	100%	100%
ECO103262	EFA202006	77%	99.7%	99.7%
ECO103262	EFM100161	75%	71.3%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103262	ECO103262	100%	100%	100%
ECO103262	HIN100558	92%	99.7%	99.7%
ECO103262	HIN100613	92%	99.7%	99.7%
ECO103262	HPY101188	73%	99.7%	99.7%
ECO103262	KPN300520	98%	23.6%	100%
ECO103262	KPN300653	98%	80.2%	100%
ECO103262	KPN300869	98%	100%	100%
ECO103262	LMO102516	74%	99.5%	99.5%
ECO103262	MCA100162	82%	99.5%	99.5%
ECO103262	MAV102941	75%	99.7%	99.7%
ECO103262	MBV103318	74%	99.7%	99.7%
ECO103262	MLP101139	75%	99.7%	99.7%
ECO103262	MTU200682	74%	99.7%	99.7%
ECO103262	MGE100460	69%	99.7%	99.7%
ECO103262	MPN100177	70%	99.7%	99.7%
ECO103262	NGO101673	83%	99.7%	99.7%
ECO103262	NGO101620	83%	99.7%	99.7%
ECO103262	NME200128	84%	99.7%	99.7%
ECO103262	NME200143	84%	99.7%	99.7%
ECO103262	PMU101746	92%	99.7%	99.7%
ECO103262	PMU101357	92%	99.7%	99.7%
ECO103262	PRT100737	95%	24.6%	100%
ECO103262	PRT100321	94%	100%	100%
ECO103262	PAE204275	84%	99.7%	99.7%
ECO103262	PAE204263	84%	99.7%	99.7%
ECO103262	PPU104463	78%	76.6%	99.7%
ECO103262	PPU104501	77%	99.7%	99.7%
ECO103262	PSY107231	77%	99.7%	99.7%
ECO103262	SPA104331	98%	39.6%	100%
ECO103262	SPA102798	99%	100%	100%
ECO103262	STY101782	99%	100%	100%
ECO103262	STY102689	99%	100%	100%
ECO103262	STM102043	99%	100%	100%
ECO103262	SAU800548	75%	99.7%	99.7%
ECO103262	SEP200072	75%	99.5%	99.5%
ECO103262	SHA101389	75%	99.7%	99.7%
ECO103262	SMU101538	73%	99.5%	99.5%
ECO103262	SPN401342	72%	99.5%	99.5%
ECO103262	SPY200441	72%	99.5%	99.5%
ECO103262	TPA100185	69%	99.7%	79.6%
ECO103262	UUR100528	71%	99.2%	99.2%
ECO103262	VCH100316	87%	99.7%	99.7%
ECO103262	VCH100357	87%	99.7%	99.7%
ECO103262	YPS000510	93%	99.7%	99.7%
ECO103262	YPS001855	95%	99.7%	99.7%
ECO103263	ABA100059	72%	88.1%	99.7%
ECO103263	BAN103750	70%	8.8%	84.9%
ECO103263	BAN113143	56%	76.0%	98.1%
ECO103263	BAN108186	63%	99.4%	98.3%
ECO103263	BFR12249	60%	62.8%	98.0%
ECO103263	BPT100846	74%	100%	100%
ECO103263	BBU100539	48%	97.4%	97.4%
ECO103263	BCE101645	75%	100%	100%
ECO103263	BFU100846	74%	100%	100%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103263	BMA109643	74%	100%	100%
ECO103263	CJU100458	64%	99.7%	99.7%
ECO103263	CPN200199	57%	98.6%	98.8%
ECO103263	CTR200711	58%	98.0%	98.3%
ECO103263	CAC102763	61%	99.3%	99.4%
ECO103263	CBO100608	59%	99.0%	97.4%
ECO103263	CDF100548	64%	99.7%	100%
ECO103263	CDP100910	58%	98.6%	95.6%
ECO103263	EBC102893	97%	100%	100%
ECO103263	EFA202007	60%	99.9%	99.6%
ECO103263	EFM100881	25%	96.0%	96.0%
ECO103263	ECO103263	100%	100%	100%
ECO103263	HIN100559	84%	100%	100%
ECO103263	HPY101178	66%	99.7%	99.7%
ECO103263	KPN300870	97%	98.3%	100%
ECO103263	LMO102926	62%	99.9%	99.1%
ECO103263	MCA100232	72%	99.4%	98.7%
ECO103263	MAV102942	59%	98.7%	98.1%
ECO103263	MBV103317	59%	98.7%	98.1%
ECO103263	MLP101140	59%	98.7%	98.1%
ECO103263	MTU200681	59%	98.7%	98.1%
ECO103263	MGE100091	55%	99.3%	99.4%
ECO103263	MPN100604	55%	99.7%	99.9%
ECO103263	NGO101623	74%	99.7%	99.7%
ECO103263	NME200129	74%	99.7%	99.7%
ECO103263	PMU101356	84%	100%	100%
ECO103263	PRT100253	85%	99.7%	94.1%
ECO103263	PAE204264	68%	99.9%	100%
ECO103263	PPU104500	67%	99.9%	100%
ECO103263	PSY103391	66%	94.3%	100%
ECO103263	SPA102789	92%	100%	100%
ECO103263	STY101781	97%	100%	100%
ECO103263	SAU800547	59%	99.4%	99.3%
ECO103263	SEP200071	58%	99.4%	99.3%
ECO103263	SMU100688	60%	99.4%	99.1%
ECO103263	SPN400250	60%	99.4%	99.1%
ECO103263	SPY200202	60%	99.4%	99.3%
ECO103263	TPA100759	47%	98.6%	97.8%
ECO103263	UUR100529	58%	98.7%	98.8%
ECO103263	VCH100356	73%	99.9%	100%
ECO103263	YPS001853	86%	100%	100%
ECO103264	ABA100054	69%	87.2%	100%
ECO103264	BAN101047	47%	87.2%	100%
ECO103264	BAN102922	56%	87.2%	100%
ECO103264	BFR102620	54%	82.7%	85.8%
ECO103264	BPT100845	66%	87.2%	90.2%
ECO103264	BBU100385	54%	87.2%	100%
ECO103264	BCE114655	66%	87.2%	100%
ECO103264	BFU100845	67%	87.2%	100%
ECO103264	BMA108128	66%	87.2%	100%
ECO103264	CJU100457	58%	86.0%	99.4%
ECO103264	CPN200198	56%	87.2%	100%
ECO103264	CTR200712	57%	85.5%	98.7%
ECO103264	CAC101300	57%	87.2%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103264	CBO100058	56%	87.2%	90.7%
ECO103264	CDF100549	55%	87.2%	100%
ECO103264	CDP100907	54%	86.0%	99.4%
ECO103264	EBC102895	97%	87.2%	100%
ECO103264	EFA202013	53%	87.2%	100%
ECO103264	ECO103264	100%	100%	100%
ECO103264	HIN100560	89%	87.2%	100%
ECO103264	HPY101179	60%	86.0%	99.4%
ECO103264	KPN300871	93%	93.3%	100%
ECO103264	LMO101111	53%	87.2%	100%
ECO103264	MCA100231	68%	87.2%	100%
ECO103264	MAV102943	53%	87.2%	100%
ECO103264	MBV103316	53%	87.2%	100%
ECO103264	MLP101141	53%	87.2%	100%
ECO103264	MTU200680	53%	87.2%	100%
ECO103264	MGE100090	52%	82.7%	95.5%
ECO103264	MPN100605	48%	86.0%	99.4%
ECO103264	NGO101627	66%	87.2%	100%
ECO103264	NME200130	66%	87.2%	100%
ECO103264	PMU101355	89%	87.2%	100%
ECO103264	PRT100252	96%	87.2%	100%
ECO103264	PAE204265	69%	87.2%	100%
ECO103264	PPU112217	71%	87.2%	100%
ECO103264	PSY106485	85%	22.9%	100%
ECO103264	SPA102393	100%	57.5%	91.2%
ECO103264	STY101780	99%	87.2%	100%
ECO103264	SAU800546	60%	87.2%	100%
ECO103264	SEP200070	60%	87.2%	100%
ECO103264	SHA102003	45%	22.3%	100%
ECO103264	SMU100686	55%	87.2%	100%
ECO103264	SPN400249	56%	87.2%	100%
ECO103264	SPY200201	52%	87.2%	100%
ECO103264	TPA100241	57%	87.2%	100%
ECO103264	UUR100530	53%	82.7%	95.5%
ECO103264	VCH100355	87%	87.2%	100%
ECO103264	YPS001851	95%	87.2%	100%
ECO103265	ABA100053	82%	99.2%	100%
ECO103265	BAN100648	67%	100%	97.9%
ECO103265	BFR10866	76%	60.5%	88.2%
ECO103265	BPT100844	81%	99.2%	98.4%
ECO103265	BBU100386	73%	100%	100%
ECO103265	BCE108786	81%	100%	98.4%
ECO103265	BFU100844	82%	100%	98.4%
ECO103265	BMA100034	81%	100%	98.4%
ECO103265	CJU100456	75%	100%	96.9%
ECO103265	CPN200197	71%	99.2%	100%
ECO103265	CTR200713	69%	99.2%	100%
ECO103265	CAC103453	77%	99.2%	98.4%
ECO103265	CBO102727	73%	99.2%	98.4%
ECO103265	CDF102422	66%	99.2%	95.1%
ECO103265	CDP100904	73%	99.2%	90.4%
ECO103265	EBC102897	100%	100%	100%
ECO103265	EFA202015	70%	100%	100%
ECO103265	ECO103265	100%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103265	HIN100561	93%	100%	100%
ECO103265	HPY101180	71%	100%	91.9%
ECO103265	KPN200561	99%	100%	100%
ECO103265	LMO101449	68%	99.2%	99.3%
ECO103265	MCA100230	84%	100%	100%
ECO103265	MAV102944	69%	100%	100%
ECO103265	MBV103315	69%	99.2%	99.2%
ECO103265	MLP101142	68%	100%	100%
ECO103265	MTU200679	69%	99.2%	99.2%
ECO103265	MGE100089	64%	99.2%	97.8%
ECO103265	MPN100606	65%	100%	98.6%
ECO103265	NGO101631	85%	99.2%	100%
ECO103265	NME200131	86%	99.2%	100%
ECO103265	PMU101354	91%	100%	100%
ECO103265	PRT103411	84%	86.3%	100%
ECO103265	PAE204266	88%	99.2%	100%
ECO103265	PPU112031	86%	99.2%	100%
ECO103265	PSY103389	85%	99.2%	100%
ECO103265	SPA102395	100%	100%	100%
ECO103265	STY101779	100%	100%	100%
ECO103265	SAU800545	65%	99.2%	99.3%
ECO103265	SEP201889	65%	99.2%	99.3%
ECO103265	SHA101640	65%	99.2%	99.3%
ECO103265	SMU100684	70%	100%	100%
ECO103265	SPN400248	69%	100%	100%
ECO103265	SPY200200	69%	99.2%	99.3%
ECO103265	TPA100240	70%	100%	100%
ECO103265	UUR100531	63%	99.2%	96.5%
ECO103265	VCH100354	92%	100%	100%
ECO103265	YPS001825	95%	100%	100%
ECO103266	EBC102899	63%	100%	100%
ECO103266	ECO103266	100%	100%	100%
ECO103266	KPN300551	58%	100%	100%
ECO103266	PRT104907	49%	100%	97.9%
ECO103266	PAE202605	36%	98.9%	95.0%
ECO103266	PPU110115	33%	98.9%	95.9%
ECO103266	PSY104174	32%	98.9%	96.0%
ECO103266	SPA102396	68%	100%	100%
ECO103266	STY107465	68%	100%	100%
ECO103266	VCH100353	32%	95.8%	98.9%
ECO103266	YPS003640	50%	100%	100%
ECO103284	BAN111440	23%	42.5%	72.9%
ECO103284	BAN104459	24%	45%	77.1%
ECO103284	EBC103862	65%	77.5%	79.9%
ECO103284	EFM200399	27%	32.5%	83.3%
ECO103284	EFM202078	25%	91%	88.1%
ECO103284	ECO103284	100%	100%	100%
ECO103284	HIN100958	26%	86%	82.7%
ECO103284	HPY101142	27%	77%	79.1%
ECO103284	KPN301330	69%	100%	100%
ECO103284	MBV102382	31%	91%	88.6%
ECO103284	MTU203589	31%	91%	88.6%
ECO103284	NGO101050	43%	80.5%	89.1%
ECO103284	NME200004	29%	62%	59.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103284	PRT103550	24%	53%	43.3%
ECO103284	PAE201365	21%	57.5%	46.1%
ECO103284	SPA103293	86%	100%	100%
ECO103284	STY101440	87%	100%	100%
ECO103284	SMU101037	24%	89.5%	86.6%
ECO103284	SPN400494	24%	51%	41.6%
ECO103287	EBC103866	88%	98.5%	100%
ECO103287	ECO103287	100%	100%	100%
ECO103287	KPN301254	87%	98.7%	98.5%
ECO103287	SPA103290	91%	98.5%	100%
ECO103287	STY101427	91%	100%	100%
ECO103287	STM102826	90%	100%	100%
ECO103287	SPN401452	22%	94.4%	96.3%
ECO103287	YPS001674	74%	99.5%	99.7%
ECO103292	BFR104186	36%	65.5%	56.2%
ECO103292	EBC103865	70%	100%	98.2%
ECO103292	ECO103292	100%	100%	100%
ECO103292	PRT105579	58%	96.4%	96.4%
ECO103292	PPU108816	56%	94.5%	87.3%
ECO103292	SPA104676	74%	49.1%	26.2%
ECO103292	STY101409	81%	98.2%	96.4%
ECO103292	STM102840	81%	98.2%	96.4%
ECO103293	ABA104455	27%	74.0%	67.5%
ECO103293	BAN100527	22%	84.4%	91.5%
ECO103293	BAN102320	27%	93.7%	89.6%
ECO103293	BCE113620	24%	86.8%	96.2%
ECO103293	BFU102503	26%	93.7%	74.4%
ECO103293	BMA105063	24%	87.7%	90.0%
ECO103293	CAC101716	21%	28.6%	92.8%
ECO103293	CAC102152	25%	62.3%	93.7%
ECO103293	CAC102361	27%	73.2%	73.0%
ECO103293	CBO102674	24%	74.0%	78.2%
ECO103293	CBO102827	29%	94.4%	98.4%
ECO103293	CDF100725	24%	93.7%	98.2%
ECO103293	CDF104332	27%	94.4%	98.0%
ECO103293	EFA202143	26%	93.3%	97.5%
ECO103293	EFM202324	53%	96.1%	98.4%
ECO103293	ECO103293	100%	100%	100%
ECO103293	KPN308934	24%	93.3%	94.6%
ECO103293	MBV102542	22%	92.6%	96.4%
ECO103293	MTU201966	23%	95.0%	94.5%
ECO103293	PPU108666	27%	74.0%	65.4%
ECO103293	SAU801437	26%	93.9%	98.4%
ECO103293	SMU101189	23%	89.6%	91.1%
ECO103293	SPN400905	23%	87.9%	89.9%
ECO103293	SPY200012	25%	91.6%	95.2%
ECO103293	UUR100586	24%	52.2%	46.6%
ECO103298	BFR103716	27%	30.6%	24.9%
ECO103298	BFR103746	38%	26.8%	21.5%
ECO103298	BCE107571	27%	80.4%	78.5%
ECO103298	BFU103399	31%	80.4%	87.4%
ECO103298	BMA102306	29%	79.2%	88.0%
ECO103298	CAC102623	30%	85.7%	95.8%
ECO103298	EFM202446	27%	78.9%	85.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103298	ECO103298	100%	100%	100%
ECO103298	PAE202800	25%	85.7%	94.1%
ECO103298	PSY107079	25%	75.8%	80.3%
ECO103298	STY100833	28%	88.3%	97.9%
ECO103298	SEP100200	33%	28.3%	65.8%
ECO103298	VCH101187	28%	84.9%	95.3%
ECO103302	BFU106978	27%	97.9%	95.1%
ECO103302	ECO103302	100%	100%	100%
ECO103302	KPN301663	27%	97.6%	93.6%
ECO103302	LMO100231	32%	99.3%	95.1%
ECO103302	MAV102129	30%	97.9%	93.3%
ECO103302	MBV101106	31%	86.6%	87.3%
ECO103302	MTU200229	31%	97.9%	93.3%
ECO103302	MPN100346	29%	42.5%	96.5%
ECO103302	PRT104876	29%	96.6%	93.9%
ECO103302	SPA103344	28%	91.4%	89.8%
ECO103302	STY101301	27%	96.9%	93.9%
ECO103302	STM103119	27%	96.9%	93.9%
ECO103303	ECO103303	100%	100%	100%
ECO103318	EBC103853	46%	98.9%	100%
ECO103318	ECO103318	100%	100%	100%
ECO103318	KPN303186	42%	92.2%	96.9%
ECO103318	PRT105660	22%	68.3%	65.0%
ECO103318	PPU111548	28%	36.9%	33.6%
ECO103318	SPA102356	64%	98.9%	100%
ECO103318	STY101387	66%	95.9%	99.2%
ECO103318	YPS001609	25%	97.0%	92.7%
ECO103319	ABA100939	40%	89.2%	88.1%
ECO103319	BFR12422	26%	90.8%	92.7%
ECO103319	BPT100929	37%	93.9%	88.9%
ECO103319	BBU100731	26%	91.7%	77.0%
ECO103319	BCE101177	39%	92.0%	89.4%
ECO103319	BFU113279	38%	92.3%	88.7%
ECO103319	BMA101065	38%	93.8%	85.1%
ECO103319	CDF102218	34%	97.6%	83.7%
ECO103319	CDF104052	40%	20.0%	49.7%
ECO103319	EBC106485	62%	12.9%	80%
ECO103319	EBC103851	87%	96.3%	100%
ECO103319	ECO103319	100%	100%	100%
ECO103319	HIN100420	52%	96.5%	95.4%
ECO103319	KPN308134	87%	100%	100%
ECO103319	LPN102619	55%	13.5%	100%
ECO103319	LPN100189	53%	32.9%	94.9%
ECO103319	MCA100561	38%	91.3%	94.7%
ECO103319	MAV100423	29%	82.5%	71.6%
ECO103319	MTU402689	34%	50.8%	86.7%
ECO103319	NGO101656	42%	92.8%	88.6%
ECO103319	NME200606	42%	92.8%	89.3%
ECO103319	PMU101230	52%	97.6%	97.5%
ECO103319	PRT102611	67%	99.1%	100%
ECO103319	PAE205040	41%	97.4%	97.1%
ECO103319	PPU102062	40%	92.5%	97.4%
ECO103319	PSY103737	40%	97.6%	97.1%
ECO103319	SPA100496	90%	47.0%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103319	STY101386	92%	100%	100%
ECO103319	STM102876	92%	100%	100%
ECO103319	SMU101483	28%	71.6%	73.0%
ECO103319	TPA100697	32%	97.2%	87.4%
ECO103319	VCH102598	51%	99.9%	99.6%
ECO103319	YPS001608	77%	99.1%	100%
ECO103331	BAN110202	30%	69.3%	61.2%
ECO103331	CAC102979	35%	68%	65.4%
ECO103331	CBO103674	37%	64%	32.9%
ECO103331	CDF102115	37%	68%	69.9%
ECO103331	EBC103841	89%	98.7%	98.7%
ECO103331	EFA201338	39%	68%	32.5%
ECO103331	EFM201283	31%	68%	32.5%
ECO103331	ECO103331	100%	100%	100%
ECO103331	KPN303175	89%	98.7%	98.7%
ECO103331	LPN100740	52%	66.7%	66.7%
ECO103331	PRT103194	64%	98.7%	94.9%
ECO103331	PAE204357	60%	85.3%	85.3%
ECO103331	SPA103545	96%	100%	100%
ECO103331	STY101363	96%	100%	100%
ECO103331	STM102922	96%	100%	100%
ECO103331	SMU102342	35%	64%	30.4%
ECO103331	VCH102046	40%	72%	71.1%
ECO103331	YPS001553	77%	94.7%	94.7%
ECO103338	ABA105993	44%	100%	98.5%
ECO103338	BCE101546	40%	17.8%	91.9%
ECO103338	BCE111450	45%	100%	98.5%
ECO103338	BFU101199	37%	98.6%	95.2%
ECO103338	BMA102664	44%	100%	98.5%
ECO103338	EBC103745	93%	100%	100%
ECO103338	ECO103338	100%	100%	100%
ECO103338	KPN308603	92%	100%	100%
ECO103338	MAV102128	32%	16.9%	18.4%
ECO103338	PAE202320	45%	99.5%	97.8%
ECO103338	PPU105284	45%	99.5%	97.8%
ECO103338	PSY102864	46%	87.2%	97.2%
ECO103338	SPA103542	94%	99.8%	100%
ECO103338	STY101345	96%	100%	100%
ECO103338	STM102957	96%	100%	100%
ECO103338	TPA100883	28%	17.8%	53.2%
ECO103338	YPS002425	84%	100%	100%
ECO103357	ABA103909	24%	92.4%	91.7%
ECO103357	ABA102959	25%	94.9%	94.1%
ECO103357	BCE106511	45%	97.0%	95.0%
ECO103357	BFU106470	46%	97.0%	96.0%
ECO103357	BMA100278	44%	94.9%	98.4%
ECO103357	CPN200827	30%	95.4%	93.1%
ECO103357	CTR200236	31%	97.0%	93.6%
ECO103357	EBC104285	94%	100%	100%
ECO103357	ECO103357	100%	100%	100%
ECO103357	PAE205481	44%	96.4%	95.9%
ECO103357	SPY201660	34%	52.3%	48.7%
ECO103357	TPA100978	39%	95.9%	67.3%
ECO103357	YPS002413	77%	97.5%	99.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103366	ECO103366	100%	100%	100%
ECO103366	KPN205280	26%	87.0%	75.6%
ECO103366	YPS004146	18%	91.3%	75.3%
ECO103366	YPS004144	25%	50.7%	47.4%
ECO103370	ABA106026	32%	90.7%	87.6%
ECO103370	BPT102230	34%	97.1%	98.1%
ECO103370	BCE114044	47%	91.7%	100%
ECO103370	BFU113973	40%	97.9%	95.9%
ECO103370	BFU104436	42%	96.7%	96.0%
ECO103370	BMA104598	43%	97.2%	97.2%
ECO103370	CDF100584	30%	86.4%	89.9%
ECO103370	EBC103795	89%	100%	100%
ECO103370	ECO103370	100%	100%	100%
ECO103370	HPY101101	52%	91.6%	94.5%
ECO103370	KPN308894	87%	100%	100%
ECO103370	LPN103288	40%	90.2%	91.1%
ECO103370	MCA103579	34%	91.0%	95.7%
ECO103370	MAV104222	30%	91.2%	95.4%
ECO103370	MBV101291	32%	93.4%	90.9%
ECO103370	MTU202358	32%	93.4%	89.0%
ECO103370	NGO101177	36%	91.0%	89.1%
ECO103370	NME201155	36%	91.0%	89.3%
ECO103370	PRT102085	51%	89.7%	88.7%
ECO103370	PAE201337	46%	90.2%	93.0%
ECO103370	PPU106319	44%	90.2%	93.3%
ECO103370	PSY102725	51%	92.8%	95.1%
ECO103370	SPA103343	85%	96.7%	96.9%
ECO103370	STY101289	91%	99.8%	100%
ECO103370	SAU800209	34%	86.6%	74.6%
ECO103370	SEP201132	29%	88.1%	87.3%
ECO103370	SHA102213	29%	80.3%	82.7%
ECO103370	VCH100192	35%	96.9%	96.8%
ECO103372	ABA101262	27%	92.3%	95.8%
ECO103372	BAN102127	31%	92.7%	94.6%
ECO103372	BFR106093	28%	80.2%	91.9%
ECO103372	BPT100398	48%	96.8%	96.4%
ECO103372	BCE112820	49%	57.9%	100%
ECO103372	BFU109256	55%	96.8%	91.6%
ECO103372	BMA102573	58%	98.8%	96.8%
ECO103372	CAC101593	26%	92.7%	92.0%
ECO103372	CBO100794	24%	93.1%	91.2%
ECO103372	CBO101257	27%	94.3%	87.2%
ECO103372	CDF103994	27%	93.1%	37.8%
ECO103372	EBC103797	85%	99.6%	99.2%
ECO103372	EFA201725	36%	43.7%	44.4%
ECO103372	EFM200136	29%	92.3%	93.1%
ECO103372	ECO103372	100%	100%	100%
ECO103372	KPN300218	80%	41.3%	95.3%
ECO103372	KPN306040	89%	98.8%	99.2%
ECO103372	LPN101231	43%	87.9%	99.5%
ECO103372	LMO100188	25%	91.9%	93.5%
ECO103372	MAV103895	30%	66.0%	64.7%
ECO103372	MBV102482	37%	32.4%	29.0%
ECO103372	MLP100054	35%	32.8%	29.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103372	MTU200316	27%	93.5%	90.6%
ECO103372	MGE100299	26%	87.9%	89.8%
ECO103372	MPN100421	29%	61.9%	63.9%
ECO103372	PRT103897	34%	95.5%	99.6%
ECO103372	PAE202988	30%	91.9%	93.8%
ECO103372	PPU101826	31%	91.9%	94.5%
ECO103372	PSY105774	31%	95.1%	93.7%
ECO103372	SPA103341	87%	98.8%	99.2%
ECO103372	STY101288	87%	98.8%	99.2%
ECO103372	SAU800039	35%	93.1%	96.0%
ECO103372	SEP201213	35%	93.1%	96.0%
ECO103372	SHA100143	27%	80.6%	93.9%
ECO103372	SMU101565	26%	92.3%	92.3%
ECO103372	SPN400897	22%	94.7%	38.2%
ECO103372	VCH101530	28%	91.9%	94.9%
ECO103372	YPS000682	72%	98.4%	98.0%
ECO103376	BAN100778	33%	92.0%	88.4%
ECO103376	BAN112488	35%	91.1%	86.5%
ECO103376	BPT100288	56%	95.4%	95.4%
ECO103376	BCE100818	68%	99.1%	98.9%
ECO103376	BFU102498	68%	99.3%	98.0%
ECO103376	BMA103712	68%	97.3%	94.1%
ECO103376	CAC100193	29%	93.8%	91.9%
ECO103376	CBO100733	23%	93.6%	89.0%
ECO103376	CDF101162	24%	83.6%	81.0%
ECO103376	EBC103794	89%	100%	100%
ECO103376	EFA200222	24%	79.0%	79.8%
ECO103376	EFM201578	24%	95.4%	94.3%
ECO103376	ECO103376	100%	100%	100%
ECO103376	KPN304742	85%	96.6%	100%
ECO103376	LPN100476	36%	93.4%	91.1%
ECO103376	LMO100801	24%	92.2%	90.4%
ECO103376	MBV100369	25%	84.2%	82.6%
ECO103376	MTU202795	26%	84.2%	82.6%
ECO103376	PRT105550	51%	97.5%	98.4%
ECO103376	PAE202336	24%	68.7%	70.9%
ECO103376	PSY106154	30%	95.9%	85.7%
ECO103376	SPA102831	90%	96.6%	100%
ECO103376	STY101284	91%	100%	100%
ECO103376	SPN401710	22%	75.8%	79.0%
ECO103376	SPY100322	24%	44.3%	92.9%
ECO103376	VCH101525	40%	94.7%	94.7%
ECO103376	YPS000694	80%	99.1%	98.9%
ECO103394	BFR102473	26%	66.1%	66.8%
ECO103394	BPT100284	34%	98.2%	97.4%
ECO103394	BBU100050	19%	77.4%	77.7%
ECO103394	CPN200792	25%	87.3%	85.3%
ECO103394	EBC104291	91%	99.5%	99.5%
ECO103394	ECO103394	100%	100%	100%
ECO103394	HIN100842	56%	93.7%	93.2%
ECO103394	KPN304755	87%	100%	100%
ECO103394	LPN100898	48%	87.3%	86.2%
ECO103394	MTU406070	28%	30.8%	30.6%
ECO103394	NGO101678	64%	94.6%	91.7%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103394	NME202008	66%	94.6%	91.7%
ECO103394	PMU101889	56%	94.1%	93.6%
ECO103394	PRT103889	73%	92.3%	91.1%
ECO103394	PAE200013	61%	91.4%	93.1%
ECO103394	SPA102605	88%	94.6%	100%
ECO103394	STY100921	89%	100%	100%
ECO103394	STM103533	89%	100%	100%
ECO103394	SAU801432	29%	84.2%	80.8%
ECO103394	SEP200384	27%	82.4%	78.6%
ECO103394	SHA102541	28%	67.4%	98.1%
ECO103394	VCH102668	69%	94.6%	93.7%
ECO103394	YPS001314	75%	93.7%	93.2%
ECO103399	BFU100703	27%	96.9%	96.2%
ECO103399	CDP100600	25%	86.3%	77.1%
ECO103399	ECO103399	100%	100%	100%
ECO103399	KPN300173	77%	21.8%	100%
ECO103399	KPN304736	73%	99.8%	100%
ECO103399	MAV103759	24%	66.2%	66.2%
ECO103399	MTU403327	23%	58.4%	93.8%
ECO103399	PRT101741	44%	99.0%	98.7%
ECO103399	PPU106604	50%	93.7%	98.8%
ECO103399	SAU802467	34%	94.3%	93.2%
ECO103399	SEP200050	35%	92.7%	91.7%
ECO103399	SHA102341	24%	97.7%	98.1%
ECO103399	SHA102504	25%	96.0%	96.2%
ECO103399	SPY201537	27%	71.8%	69.0%
ECO103399	VCH103812	25%	88.0%	86.0%
ECO103405	ABA100477	25%	23.8%	97.4%
ECO103405	ABA100225	26%	66.7%	56.5%
ECO103405	BAN104847	19%	21.3%	3.7%
ECO103405	BAN109223	26%	10.2%	65.6%
ECO103405	BAN101440	29%	7.8%	44.3%
ECO103405	BAN110288	24%	22.7%	18.6%
ECO103405	BFR104422	62%	1.9%	27%
ECO103405	BCE104951	26%	27.4%	38.7%
ECO103405	BCE108121	25%	30.0%	70.0%
ECO103405	BFU107935	28%	23.7%	41.6%
ECO103405	BFU100092	47%	6.2%	98.9%
ECO103405	BFU100109	27%	14.2%	55.1%
ECO103405	BFU102581	29%	10.0%	4.6%
ECO103405	BMA107682	25%	49.6%	25.9%
ECO103405	CAC100404	25%	9.6%	44.7%
ECO103405	EBC107494	28%	7.4%	75%
ECO103405	EBC103412	28%	12.3%	35.0%
ECO103405	EBC104888	27%	24.7%	62.3%
ECO103405	ECO100686	92%	24.0%	70.2%
ECO103405	ECO101427	74%	39.5%	82.3%
ECO103405	ECO100488	74%	99.7%	99.6%
ECO103405	ECO100683	96%	88.4%	89.3%
ECO103405	ECO103515	98%	88.6%	90.8%
ECO103405	ECO103405	100%	100%	100%
ECO103405	PRT103688	31%	7.4%	73.6%
ECO103405	PRT103361	34%	8.0%	78.0%
ECO103405	PRT103421	25%	54.9%	65.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103405	PAE202682	33%	88.4%	88.7%
ECO103405	PPU107712	31%	7.6%	93.1%
ECO103405	PPU110484	27%	25.4%	83.0%
ECO103405	PPU109654	25%	2.7%	84.4%
ECO103405	PPU107101	39%	3.9%	5.5%
ECO103405	PPU109653	28%	41.5%	95.3%
ECO103405	PPU109652	26%	55.2%	54.6%
ECO103405	PPU110482	26%	11.0%	5.4%
ECO103405	PSY108533	34%	5.0%	83.6%
ECO103405	PSY101322	57%	4.2%	24.3%
ECO103405	PSY105816	45%	7.3%	45.7%
ECO103405	PSY102083	25%	13.5%	11.8%
ECO103405	SPA106438	45%	6.0%	5.5%
ECO103405	SPA100247	28%	49.2%	89.9%
ECO103405	STY104094	26%	50.1%	33.3%
ECO103405	STY104095	30%	24.1%	74.9%
ECO103405	STM103807	31%	15.1%	87.4%
ECO103405	STM103806	26%	50.1%	33.1%
ECO103405	YPS002860	25%	85.4%	75.9%
ECO103408	BAN101523	19%	47.7%	51.7%
ECO103408	BAN101319	22%	96.8%	97.4%
ECO103408	BCE103943	62%	99.5%	99.7%
ECO103408	BFU110636	64%	99.7%	100%
ECO103408	BMA106069	62%	99.7%	100%
ECO103408	CDF103530	22%	90.7%	87.4%
ECO103408	ECO103408	100%	100%	100%
ECO103408	KPN302968	88%	99.7%	100%
ECO103408	MLP101401	24%	42.9%	59.8%
ECO103408	MTU402591	25%	37.6%	30.3%
ECO103408	PMU101981	40%	98.1%	98.1%
ECO103408	PRT102404	74%	100%	100%
ECO103408	PAE205225	69%	99.7%	100%
ECO103408	PPU109044	49%	99.2%	100%
ECO103408	SPA101047	86%	97.1%	100%
ECO103408	SAU802643	23%	46.1%	16.5%
ECO103408	VCH101585	20%	96.3%	91.7%
ECO103414	BFR10501	46%	29.0%	97.3%
ECO103414	CAC102057	24%	46.5%	80.3%
ECO103414	EFM200286	26%	31.3%	34.4%
ECO103414	ECO103414	100%	100%	100%
ECO103414	SAU801442	37%	15.1%	13.0%
ECO103422	ABA100240	38%	99.6%	100%
ECO103422	BPT100396	43%	94.3%	94.4%
ECO103422	BCE102136	47%	92.9%	93.2%
ECO103422	BFU109218	46%	92.9%	75.3%
ECO103422	BMA105078	47%	92.9%	84.8%
ECO103422	EBC103766	91%	100%	100%
ECO103422	ECO103422	100%	100%	100%
ECO103422	HIN100421	66%	100%	100%
ECO103422	KPN300080	91%	40.4%	100%
ECO103422	KPN306391	91%	100%	100%
ECO103422	LPN102191	40%	96.8%	95.7%
ECO103422	MCA100718	29%	99.6%	100%
ECO103422	NGO101163	43%	92.9%	86.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103422	NME201159	43%	92.9%	93.2%
ECO103422	PMU101234	68%	100%	100%
ECO103422	PRT104285	74%	100%	100%
ECO103422	PAE205014	41%	99.6%	100%
ECO103422	PPU104709	43%	99.6%	100%
ECO103422	PSY102791	40%	99.6%	100%
ECO103422	SPA101521	91%	100%	100%
ECO103422	STY100851	92%	100%	100%
ECO103422	STM103579	92%	100%	100%
ECO103422	VCH100185	63%	100%	100%
ECO103422	YPS002520	78%	100%	100%
ECO103423	BPT102974	44%	100%	99.3%
ECO103423	BCE111388	40%	99.1%	98.0%
ECO103423	BMA105613	42%	99.1%	97.6%
ECO103423	EBC103768	92%	100%	100%
ECO103423	EFA200772	59%	99.6%	99.8%
ECO103423	EFM202592	57%	99.1%	99.3%
ECO103423	ECO103423	100%	100%	100%
ECO103423	HIN100154	73%	100%	100%
ECO103423	KPN308114	92%	100%	100%
ECO103423	LPN100559	51%	99.6%	99.3%
ECO103423	LMO100940	69%	100%	100%
ECO103423	MCA101240	67%	100%	100%
ECO103423	MBV100540	30%	97.8%	97.2%
ECO103423	MTU202817	30%	97.8%	97.2%
ECO103423	PMU101235	78%	100%	100%
ECO103423	PRT104768	86%	100%	100%
ECO103423	PAE202023	44%	100%	99.1%
ECO103423	PPU110449	45%	99.1%	98.7%
ECO103423	PSY105457	43%	84.7%	95.0%
ECO103423	SPA101522	91%	49.1%	100%
ECO103423	STY100839	94%	100%	100%
ECO103423	STM103581	94%	100%	100%
ECO103423	SMU100200	63%	100%	100%
ECO103423	SPN400692	61%	99.6%	99.8%
ECO103423	SPY200604	63%	99.1%	99.1%
ECO103423	VCH100184	73%	99.8%	99.1%
ECO103423	YPS002524	85%	100%	100%
ECO103424	ABA101438	51%	67.5%	72.5%
ECO103424	BAN101080	40%	61.5%	71.3%
ECO103424	BPT105662	32%	58.1%	59.8%
ECO103424	BCE103229	41%	57.3%	62.6%
ECO103424	BFU109350	36%	66.7%	62.9%
ECO103424	CJU101467	36%	47.0%	93.2%
ECO103424	CAC103713	43%	55.6%	52.5%
ECO103424	CBO102678	40%	57.3%	61.7%
ECO103424	CDF101466	37%	56.4%	53.7%
ECO103424	CDP100817	40%	55.6%	74.2%
ECO103424	EBC100218	71%	70.9%	74.8%
ECO103424	EBC102830	61%	89.7%	99.1%
ECO103424	EFA200371	43%	59.0%	71.6%
ECO103424	ECO103424	100%	100%	100%
ECO103424	KPN303338	77%	86.3%	92.7%
ECO103424	LMO102929	40%	57.3%	60.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103424	MAV105419	37%	59.0%	50.7%
ECO103424	MBV100521	44%	56.4%	54.0%
ECO103424	MLP100498	36%	59.0%	48.6%
ECO103424	MTU202605	44%	56.4%	54.0%
ECO103424	NGO102340	30%	58.1%	66.0%
ECO103424	PRT104823	62%	86.3%	91.0%
ECO103424	PAE202275	55%	79.5%	80.2%
ECO103424	PPU109423	57%	70.1%	71.3%
ECO103424	SAU801773	44%	57.3%	63.5%
ECO103424	SEP200558	43%	57.3%	63.5%
ECO103424	SHA102314	47%	59.8%	64.8%
ECO103424	SMU101184	25%	59.8%	75%
ECO103424	SPY201653	30%	55.6%	58.0%
ECO103424	VCH101049	46%	86.3%	91.2%
ECO103424	YPS000049	60%	100%	100%
ECO103451	ABA100014	63%	27.8%	95.7%
ECO103451	ABA100763	71%	97.0%	94.9%
ECO103451	BCE107211	63%	94.9%	96.4%
ECO103451	BFU109266	63%	94.9%	96.9%
ECO103451	BMA109143	61%	97.0%	97.0%
ECO103451	CJU101117	45%	96.3%	93.9%
ECO103451	CPN200221	33%	92.8%	96.1%
ECO103451	CTR200671	31%	94.9%	98.5%
ECO103451	CBO102516	25%	91.8%	92.8%
ECO103451	EBC104183	92%	100%	100%
ECO103451	ECO103451	100%	100%	100%
ECO103451	KPN304259	93%	100%	98.2%
ECO103451	LPN100722	48%	94.9%	94.9%
ECO103451	MBV101054	46%	96.0%	83.7%
ECO103451	MTU202407	46%	96.0%	83.7%
ECO103451	PAE201182	77%	95.6%	93.8%
ECO103451	PPU108087	76%	96.3%	93.6%
ECO103451	PSY104546	79%	95.8%	91.1%
ECO103451	SPA101566	93%	100%	100%
ECO103451	STY100803	94%	100%	100%
ECO103451	YPS002604	86%	97.4%	97.2%
ECO103452	EBC104185	77%	99.5%	97.0%
ECO103452	ECO103452	100%	100%	100%
ECO103452	KPN304258	68%	99.5%	97.0%
ECO103452	PRT103877	38%	32.9%	89.8%
ECO103452	SPA101565	76%	74.8%	100%
ECO103452	STY100801	84%	100%	99.1%
ECO103452	YPS002613	48%	99.4%	97.2%
ECO103453	ABA105278	27%	15.3%	79.8%
ECO103453	BAN107265	25%	11.3%	30.5%
ECO103453	BFR11466	24%	14.9%	63.2%
ECO103453	BPT100623	22%	58.0%	19.9%
ECO103453	BBU100194	34%	6.4%	65.2%
ECO103453	BCE105408	28%	0.7%	36.2%
ECO103453	BFU103167	26%	66.4%	35.2%
ECO103453	BMA106265	31%	4.6%	32.7%
ECO103453	CTR200055	23%	14.5%	57.0%
ECO103453	CAC103237	22%	13.5%	46.9%
ECO103453	CDP102065	22%	11.2%	41.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103453	EBC105028	71%	81.5%	100%
ECO103453	ECO103453	100%	100%	100%
ECO103453	KPN304293	67%	99.9%	100%
ECO103453	LMO101740	22%	14.8%	37.6%
ECO103453	PRT101998	42%	74.6%	97.6%
ECO103453	PPU111885	37%	95.0%	98.1%
ECO103453	PSY100822	26%	7.9%	28.3%
ECO103453	SPA100412	70%	39.1%	59.1%
ECO103453	SAU101362	31%	5.2%	27.5%
ECO103453	TPA100066	32%	11.7%	67.7%
ECO103453	VCH101588	25%	10.1%	44.3%
ECO103454	BAN104131	27%	25.5%	21.4%
ECO103454	BAN108214	24%	28.5%	29.9%
ECO103454	BCE102182	49%	93.8%	81.5%
ECO103454	BFU103168	42%	92.4%	91.6%
ECO103454	BMA109533	52%	42.9%	100%
ECO103454	BMA103069	47%	95.1%	88.7%
ECO103454	EBC104189	73%	99.7%	99.7%
ECO103454	ECO103454	100%	100%	100%
ECO103454	KPN300078	72%	31.5%	100%
ECO103454	KPN304291	72%	100%	99.7%
ECO103454	PRT102683	30%	67.4%	71.9%
ECO103454	PPU111883	47%	99.2%	99.2%
ECO103454	PSY100824	41%	98.4%	94.3%
ECO103454	SPA100719	77%	99.7%	99.7%
ECO103454	STY100795	81%	99.7%	99.5%
ECO103454	SMU100322	25%	79.3%	82.1%
ECO103461	BCE109623	35%	95.2%	98.8%
ECO103461	BMA103660	35%	95.2%	98.8%
ECO103461	EBC104191	83%	100%	100%
ECO103461	ECO103461	100%	100%	100%
ECO103461	KPN307938	80%	5.4%	100%
ECO103461	KPN308657	74%	99.1%	99.3%
ECO103461	PRT100405	49%	97.7%	98.2%
ECO103461	PPU111873	45%	98.2%	100%
ECO103461	SPA106506	84%	54.4%	100%
ECO103461	STY105426	84%	100%	100%
ECO103461	STM106756	84%	100%	100%
ECO103461	YPS003633	41%	7.7%	5.3%
ECO103462	BFU109953	25%	25.8%	22.3%
ECO103462	ECO103462	100%	100%	100%
ECO103462	KPN106090	46%	40.4%	90%
ECO103462	SPA101762	85%	100%	100%
ECO103462	STY100775	85%	100%	100%
ECO103462	STM103692	85%	100%	100%
ECO103462	YPS002670	62%	98.8%	97.7%
ECO103466	BCE108241	65%	100%	100%
ECO103466	BFU106008	64%	100%	100%
ECO103466	BMA106393	65%	100%	100%
ECO103466	CJU101489	26%	96.2%	97.1%
ECO103466	CAC100708	33%	99.1%	99.4%
ECO103466	CAC101801	37%	99.1%	99.1%
ECO103466	CAC101940	35%	99.7%	100%
ECO103466	CDP100963	38%	99.4%	99.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103466	EBC101783	96%	91.4%	98.7%
ECO103466	ECO103466	100%	100%	100%
ECO103466	HIN101160	60%	99.4%	100%
ECO103466	HPY100295	48%	99.1%	99.4%
ECO103466	KPN304272	93%	91.2%	98.4%
ECO103466	LPN103397	29%	99.1%	99.4%
ECO103466	MCA100667	28%	69.3%	41.8%
ECO103466	MAV102745	37%	98.5%	98.7%
ECO103466	MBV101684	37%	98.5%	98.7%
ECO103466	MTU203611	37%	98.5%	98.7%
ECO103466	PMU100237	60%	99.4%	99.7%
ECO103466	PRT105623	85%	100%	100%
ECO103466	PAE204501	64%	100%	100%
ECO103466	PPU101447	64%	100%	100%
ECO103466	PSY104822	63%	100%	100%
ECO103466	SPA102841	94%	93.8%	100%
ECO103466	STY100767	97%	100%	100%
ECO103466	SAU504414	32%	99.1%	70.1%
ECO103466	YPS002639	87%	91.2%	98.1%
ECO103467	BCE104912	54%	96.8%	95.6%
ECO103467	BFU115490	52%	95.9%	93.8%
ECO103467	BFU113558	56%	97.2%	96.1%
ECO103467	BMA100120	54%	96.8%	90.2%
ECO103467	CAC102581	48%	9.3%	22.9%
ECO103467	CAC102670	25%	89.2%	83.4%
ECO103467	CAC101493	25%	79.8%	75.2%
ECO103467	CBO100751	26%	83.7%	79.5%
ECO103467	CBO101097	27%	91.2%	86.8%
ECO103467	CBO101308	26%	93.6%	87.5%
ECO103467	CDF101830	19%	53.5%	45.4%
ECO103467	CDF101269	27%	98.3%	97.3%
ECO103467	CDP101702	29%	61.7%	56.5%
ECO103467	EBC100767	91%	100%	100%
ECO103467	EFM101064	24%	53.3%	68.0%
ECO103467	ECO103467	100%	100%	100%
ECO103467	HIN100833	54%	96.6%	94.0%
ECO103467	HPY100294	39%	94.4%	91.1%
ECO103467	KPN300418	89%	29.3%	84.9%
ECO103467	KPN304271	91%	100%	98.0%
ECO103467	LPN103438	24%	57.0%	81.0%
ECO103467	PMU100236	67%	98.3%	99.2%
ECO103467	PRT105891	80%	100%	100%
ECO103467	PAE204498	53%	94.6%	94.9%
ECO103467	PAE204494	52%	97.6%	96.8%
ECO103467	PPU104151	52%	97.8%	98.0%
ECO103467	PSY104769	53%	97.8%	96.9%
ECO103467	SPA102842	92%	96.6%	100%
ECO103467	STY100765	93%	100%	100%
ECO103467	SAU602660	25%	92.5%	90.0%
ECO103467	YPS002641	84%	100%	100%
ECO103468	EBC100465	78%	64.8%	99.7%
ECO103468	ECO103468	100%	100%	100%
ECO103468	KPN303031	82%	96.2%	99.3%
ECO103468	PRT105266	50%	94.9%	98.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103468	SPA102846	86%	98.8%	97.4%
ECO103468	STY100745	84%	97.9%	99.8%
ECO103468	YPS002684	63%	96.7%	98.6%
ECO103478	BAN108883	66%	94.3%	100%
ECO103478	BAN105755	69%	94.3%	97.0%
ECO103478	CAC100946	62%	91.4%	96.9%
ECO103478	CBO101002	64%	91.4%	96.9%
ECO103478	CDF100848	65%	91.4%	95.5%
ECO103478	CDF100586	67%	91.4%	95.5%
ECO103478	CDF103776	67%	91.4%	95.5%
ECO103478	EBC104565	95%	100%	100%
ECO103478	EFA200173	42%	90%	92.5%
ECO103478	EFA202387	69%	90%	93.9%
ECO103478	EFM101712	67%	87.1%	92.3%
ECO103478	EFM101550	67%	87.1%	92.3%
ECO103478	EFM101770	67%	87.1%	90.9%
ECO103478	ECO103478	100%	100%	100%
ECO103478	KPN300213	100%	77.1%	100%
ECO103478	KPN303047	100%	100%	100%
ECO103478	LMO102272	68%	87.1%	90.9%
ECO103478	MAV105135	65%	91.4%	95.5%
ECO103478	PRT104862	74%	100%	100%
ECO103478	PRT100460	77%	100%	100%
ECO103478	PRT101016	78%	100%	100%
ECO103478	PAE203264	59%	95.7%	95.7%
ECO103478	PPU111381	59%	95.7%	95.7%
ECO103478	PSY108061	62%	91.4%	100%
ECO103478	SPA102026	100%	100%	100%
ECO103478	STY100718	100%	100%	100%
ECO103478	STM103774	100%	100%	100%
ECO103478	SAU800816	67%	91.4%	95.5%
ECO103479	BFR103841	20%	85.0%	85.7%
ECO103479	BCE103351	26%	46.2%	93.0%
ECO103479	BCE106925	30%	48.0%	69.0%
ECO103479	BCE114303	28%	62.4%	69.5%
ECO103479	BCE114066	28%	62.4%	75.5%
ECO103479	BCE101996	30%	61.3%	95.7%
ECO103479	BCE114648	30%	61.3%	95.7%
ECO103479	BCE110494	28%	78.0%	93.6%
ECO103479	BCE100189	29%	78.0%	93.6%
ECO103479	BCE106087	29%	78.0%	93.6%
ECO103479	BCE101088	30%	94.2%	91.4%
ECO103479	BFU100233	28%	94.2%	91.4%
ECO103479	BMA108532	32%	94.2%	95.3%
ECO103479	BMA106321	32%	94.2%	89.0%
ECO103479	CBO100985	22%	51.4%	73.5%
ECO103479	CDP102415	23%	89.6%	88.8%
ECO103479	CDP101144	23%	89.6%	88.8%
ECO103479	CDP102452	23%	89.6%	88.8%
ECO103479	CDP101135	23%	89.6%	88.8%
ECO103479	CDP101982	35%	96.0%	90.6%
ECO103479	CDP102843	20%	89.6%	88.8%
ECO103479	EBC101067	59%	96.5%	98.8%
ECO103479	EBC101652	95%	83.2%	92.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103479	EBC104471	94%	100%	100%
ECO103479	EFA200870	24%	94.2%	86.5%
ECO103479	BFM202055	30%	91.9%	88.6%
ECO103479	BFM200192	30%	94.2%	85.4%
ECO103479	BFM201962	30%	94.2%	84.0%
ECO103479	EFM201089	30%	94.2%	85.4%
ECO103479	ECO103479	100%	100%	100%
ECO103479	HIN101685	29%	32.4%	60.6%
ECO103479	KPN302648	41%	68.2%	82.3%
ECO103479	KPN301346	37%	96.5%	94.2%
ECO103479	KPN306050	37%	99.4%	97.1%
ECO103479	KPN306422	37%	99.4%	95.5%
ECO103479	MTU405844	36%	27.7%	88.7%
ECO103479	NGO101258	28%	83.8%	81.4%
ECO103479	NGO101211	28%	83.8%	81.4%
ECO103479	PRT103503	96%	66.5%	100%
ECO103479	PSY107047	24%	97.7%	95.9%
ECO103479	PSY109085	24%	97.7%	71.3%
ECO103479	PSY106353	24%	97.7%	85.9%
ECO103479	PSY101205	24%	97.7%	74.5%
ECO103479	PSY106020	24%	97.7%	95.9%
ECO103479	SAU502782	26%	42.2%	41.5%
ECO103479	SAU500044	28%	68.2%	2.1%
ECO103479	SAU502067	28%	68.2%	2.0%
ECO103479	SAU500005	28%	68.2%	2.0%
ECO103479	SAU500516	27%	65.3%	23.1%
ECO103479	SMU101315	20%	51.4%	19.2%
ECO103479	SMU101317	21%	86.7%	83.1%
ECO103479	SMU101999	21%	86.7%	83.1%
ECO103479	SMU101889	21%	86.7%	83.1%
ECO103479	SMU101940	21%	86.7%	74.9%
ECO103479	SMU101868	21%	86.7%	83.1%
ECO103479	SPN102057	20%	54.3%	65.5%
ECO103479	SPN102327	20%	54.3%	65.5%
ECO103479	SPN103482	20%	54.3%	65.5%
ECO103479	SPN102932	20%	54.3%	65.5%
ECO103479	SPY201024	21%	82.7%	78.4%
ECO103479	SPY200151	21%	82.7%	78.4%
ECO103479	YPS002400	30%	39.3%	98.5%
ECO103479	YPS003294	26%	55.5%	86.5%
ECO103479	YPS003683	27%	94.2%	91.2%
ECO103479	YPS003696	27%	94.2%	91.2%
ECO103479	YPS003677	27%	94.2%	91.2%
ECO103479	YPS003267	27%	94.2%	87.6%
ECO103479	YPS004286	27%	94.2%	91.2%
ECO103479	YPS003702	27%	94.2%	91.2%
ECO103479	YPS003739	27%	94.2%	91.2%
ECO103480	BAN100066	27%	42.0%	46.9%
ECO103480	BAN107672	27%	83.7%	96.8%
ECO103480	BAN101189	27%	92.2%	93.6%
ECO103480	BFR11001	48%	96.1%	98.6%
ECO103480	BPT105636	26%	25.8%	35.3%
ECO103480	BPT101318	27%	91.5%	74.5%
ECO103480	BCE103148	53%	15.2%	100%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103480	BCE109512	51%	23.3%	100%
ECO103480	BCE106326	57%	29.3%	95.4%
ECO103480	BCE101065	59%	27.2%	93.9%
ECO103480	BCE104439	57%	29.3%	95.4%
ECO103480	BCE102008	56%	39.2%	98.2%
ECO103480	BCE101347	57%	38.5%	96.5%
ECO103480	BCE112720	55%	42.4%	95.2%
ECO103480	BCE112765	55%	42.4%	96%
ECO103480	BCE113320	53%	68.6%	69.8%
ECO103480	BCE104962	56%	91.9%	98.9%
ECO103480	BCE114240	56%	96.8%	98.6%
ECO103480	BCE104151	57%	96.8%	98.6%
ECO103480	BFU100183	43%	16.3%	86.8%
ECO103480	BFU100232	53%	96.5%	98.9%
ECO103480	BMA107808	50%	47.0%	97.1%
ECO103480	CDP101289	48%	24.0%	91.9%
ECO103480	CDP101898	53%	25.1%	95.9%
ECO103480	CDP102491	48%	43.8%	66.5%
ECO103480	CDP101469	46%	67.5%	94.1%
ECO103480	CDP101278	47%	67.5%	94.1%
ECO103480	CDP101146	47%	67.5%	94.1%
ECO103480	CDP100854	46%	69.3%	96.6%
ECO103480	CDP100589	43%	92.9%	98.1%
ECO103480	CDP101134	45%	92.9%	97.4%
ECO103480	EBC104413	93%	32.5%	100%
ECO103480	EBC104468	94%	100%	100%
ECO103480	EFA200869	41%	89.4%	99.6%
ECO103480	EFM202052	57%	66.1%	99.5%
ECO103480	EFM201053	55%	92.9%	98.1%
ECO103480	EFM201924	55%	92.9%	98.1%
ECO103480	EFM200512	53%	98.2%	100%
ECO103480	ECO103480	100%	100%	100%
ECO103480	HIN101249	53%	27.6%	84.6%
ECO103480	HIN100472	53%	26.9%	64.4%
ECO103480	HIN101686	56%	74.2%	96.8%
ECO103480	KPN306758	68%	41.7%	95.9%
ECO103480	KPN303368	68%	64.7%	92.9%
ECO103480	KPN308870	65%	89.8%	97.3%
ECO103480	KPN306624	62%	97.2%	97.9%
ECO103480	LMO102606	33%	97.2%	96.4%
ECO103480	LMO100732	33%	97.2%	98.9%
ECO103480	MBV104142	27%	92.2%	91.8%
ECO103480	MTU202443	27%	92.2%	78.0%
ECO103480	MTU200790	27%	92.2%	86.5%
ECO103480	MTU201352	27%	92.2%	91.8%
ECO103480	MTU201734	27%	92.2%	91.8%
ECO103480	MTU201742	27%	92.2%	91.8%
ECO103480	MTU202073	27%	92.2%	86.5%
ECO103480	MTU202133	27%	92.2%	78.0%
ECO103480	MTU202245	27%	92.2%	86.5%
ECO103480	MTU203144	27%	92.2%	86.5%
ECO103480	MTU203335	27%	92.2%	91.8%
ECO103480	MTU202612	27%	92.2%	82.3%
ECO103480	MTU202776	27%	92.2%	86.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103480	MTU203142	27%	92.2%	86.5%
ECO103480	MTU203428	27%	92.2%	78.0%
ECO103480	MTU203283	27%	92.2%	86.5%
ECO103480	MTU202320	27%	92.2%	86.5%
ECO103480	NGO101257	54%	91.9%	97.4%
ECO103480	NGO101209	54%	92.9%	96.3%
ECO103480	NME201142	42%	92.9%	96.0%
ECO103480	PRT105818	98%	28.6%	98.8%
ECO103480	PSY102003	58%	96.1%	97.5%
ECO103480	SPA102022	62%	49.5%	100%
ECO103480	SAU801804	29%	64.0%	95.2%
ECO103480	SEP200536	36%	89.8%	98.4%
ECO103480	SMU100679	50%	95.1%	98.2%
ECO103480	SMU102069	51%	95.1%	98.2%
ECO103480	SMU102045	51%	95.1%	98.2%
ECO103480	SMU101759	51%	95.1%	98.2%
ECO103480	SMU101315	51%	95.1%	58.3%
ECO103480	SMU102094	51%	95.1%	98.2%
ECO103480	SPN400754	51%	55.5%	98.8%
ECO103480	SPN401338	50%	55.5%	98.8%
ECO103480	SPN401445	50%	55.5%	98.8%
ECO103480	SPN400496	54%	38.5%	85.3%
ECO103480	SPN400885	51%	27.9%	100%
ECO103480	SPN400352	50%	20.5%	98.4%
ECO103480	SPN400495	44%	12.0%	97.1%
ECO103480	SPY201025	47%	93.3%	99.3%
ECO103480	SPY200150	47%	93.3%	99.3%
ECO103480	UUR100374	28%	66.8%	92.8%
ECO103480	YPS003775	48%	89.8%	97.7%
ECO103480	YPS003983	48%	89.8%	97.7%
ECO103480	YPS003822	48%	89.8%	97.7%
ECO103480	YPS003777	48%	89.8%	97.7%
ECO103480	YPS004197	48%	89.8%	97.7%
ECO103480	YPS003268	48%	89.8%	97.7%
ECO103480	YPS003297	48%	89.8%	97.7%
ECO103480	YPS003731	48%	89.8%	97.7%
ECO103481	ABA103575	48%	100%	99.9%
ECO103481	BCE113806	46%	71.7%	98.0%
ECO103481	BFU101557	43%	99.6%	99.0%
ECO103481	BMA100998	44%	99.3%	100%
ECO103481	CJU101159	31%	99.9%	99.7%
ECO103481	CDF104028	36%	98.7%	98.5%
ECO103481	EBC104561	93%	99.9%	100%
ECO103481	EFA200400	35%	99.4%	69.7%
ECO103481	EFM200195	36%	97.1%	68.8%
ECO103481	ECO103481	100%	100%	100%
ECO103481	HIN100903	69%	100%	100%
ECO103481	HPY100956	29%	99.4%	99.3%
ECO103481	KPN303050	92%	100%	100%
ECO103481	LPN102108	44%	75.9%	97.4%
ECO103481	LMO101909	33%	99.0%	98.8%
ECO103481	MCA101554	47%	99.4%	99.6%
ECO103481	NGO101359	45%	99.9%	99.7%
ECO103481	NME200487	45%	99.9%	99.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103481	PMU101102	69%	100%	100%
ECO103481	PRT101496	79%	100%	100%
ECO103481	PAE200008	51%	99.9%	99.9%
ECO103481	PPU102205	50%	99.9%	99.9%
ECO103481	PSY107524	50%	99.9%	99.9%
ECO103481	SPA102021	89%	72.9%	100%
ECO103481	STY100713	94%	100%	100%
ECO103481	SPN401327	35%	97.5%	97.3%
ECO103481	SPY201298	35%	97.5%	97.3%
ECO103481	VCH100020	68%	99.6%	99.6%
ECO103481	YPS003356	85%	100%	100%
ECO103482	ABA105776	76%	96.0%	88.9%
ECO103482	BPT101206	74%	96.0%	28.7%
ECO103482	BCE104446	71%	96.0%	88.9%
ECO103482	BFU105313	70%	96.0%	87.1%
ECO103482	BMA109515	72%	96.0%	75.8%
ECO103482	CJU100654	66%	92.4%	96.9%
ECO103482	CPN200896	54%	96.0%	28.2%
ECO103482	CTR200173	55%	96.0%	28.4%
ECO103482	CDF102122	63%	95.7%	97.3%
ECO103482	EBC104560	97%	100%	100%
ECO103482	EFA104079	62%	97.7%	96.0%
ECO103482	EFM101836	71%	59.7%	94.8%
ECO103482	ECO103482	100%	100%	100%
ECO103482	HIN100906	90%	98.7%	99.0%
ECO103482	HPY100944	60%	93.7%	93.1%
ECO103482	KPN305504	98%	100%	100%
ECO103482	LMO101725	61%	96.7%	97.0%
ECO103482	MCA102165	74%	99.0%	93.7%
ECO103482	NGO101356	72%	97.0%	99.3%
ECO103482	NME200485	73%	96.0%	97.3%
ECO103482	PMU101098	91%	98.7%	99.7%
ECO103482	PRT101495	94%	99.3%	100%
ECO103482	PAE200009	76%	97.7%	93.3%
ECO103482	PPU103628	76%	97.7%	93.3%
ECO103482	PSY103530	76%	97.7%	82.8%
ECO103482	SPA100735	98%	100%	100%
ECO103482	STY100712	98%	100%	100%
ECO103482	SMU101427	60%	97.0%	29.8%
ECO103482	SPN401328	61%	97.4%	94.8%
ECO103482	SPY201299	62%	97.0%	94.4%
ECO103482	VCH100021	88%	100%	91.8%
ECO103482	YPS003357	93%	100%	99.7%
ECO103483	BAN104874	25%	42.9%	70%
ECO103483	BAN103246	27%	97.0%	97.1%
ECO103483	BFR102685	31%	27.2%	30.9%
ECO103483	BFR101730	20%	85.2%	85.1%
ECO103483	BFR101210	23%	84.9%	85.4%
ECO103483	BPT101994	22%	95.5%	94.6%
ECO103483	BFU100798	25%	35.0%	31.6%
ECO103483	BMA103871	20%	93.4%	90.4%
ECO103483	CBO103448	20%	94.6%	99.7%
ECO103483	EBC106435	81%	100%	100%
ECO103483	ECO103483	100%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103483	KPN301174	65%	43.5%	100%
ECO103483	KPN303040	71%	100%	100%
ECO103483	LMO100418	24%	22.4%	29.2%
ECO103483	MAV100271	30%	17.8%	13.7%
ECO103483	PPU103844	23%	60.7%	68.6%
ECO103483	PSY101101	20%	53.2%	46.7%
ECO103483	SPA100737	81%	100%	100%
ECO103483	STM103799	81%	100%	100%
ECO103483	SEP100270	23%	84.0%	80.3%
ECO103483	SMU101666	25%	95.8%	87.4%
ECO103483	VCH102759	23%	85.2%	83.5%
ECO103483	YPS003266	58%	100%	100%
ECO103487	BFR10693	48%	94.3%	99.5%
ECO103487	BCE111113	66%	99.1%	82.7%
ECO103487	BFU102389	67%	99.1%	99.1%
ECO103487	CDF101665	49%	99.8%	96.5%
ECO103487	EBC104589	91%	100%	95.4%
ECO103487	EFA201077	48%	98.9%	99.5%
ECO103487	EFM101257	46%	98.6%	99.3%
ECO103487	ECO103487	100%	100%	100%
ECO103487	HIN101085	71%	99.5%	99.8%
ECO103487	KPN302422	83%	99.5%	99.8%
ECO103487	KPN301170	90%	100%	100%
ECO103487	PRT101394	81%	99.1%	99.5%
ECO103487	PSY102073	68%	99.1%	99.5%
ECO103487	SPA103028	89%	98.6%	100%
ECO103487	STY100698	92%	100%	100%
ECO103487	YPS002755	85%	99.5%	99.8%
ECO103488	BCE111238	65%	79.7%	79.8%
ECO103488	BFU102365	60%	97.3%	99.1%
ECO103488	EBC104587	90%	100%	100%
ECO103488	EFM202335	36%	99.7%	97.8%
ECO103488	ECO103488	100%	100%	100%
ECO103488	HIN101084	75%	99.4%	99.1%
ECO103488	KPN305781	90%	87.9%	100%
ECO103488	NME300340	23%	29.4%	20.6%
ECO103488	PSY102056	59%	99.4%	94.5%
ECO103488	YPS002753	82%	100%	99.7%
ECO103494	EBC104573	93%	95.0%	99.2%
ECO103494	ECO103494	100%	100%	100%
ECO103494	KPN300323	91%	40.3%	96%
ECO103494	KPN308799	90%	99.5%	99.3%
ECO103494	MCA101391	43%	99.0%	99.5%
ECO103494	NGO101874	46%	99.0%	99.3%
ECO103494	NME200590	47%	99.0%	99.3%
ECO103494	PRT101493	73%	98.8%	99.5%
ECO103494	SPA103032	91%	99.5%	100%
ECO103494	STY100694	92%	99.5%	99.8%
ECO103494	STM103821	92%	99.5%	99.8%
ECO103494	VCH100019	62%	100%	99.8%
ECO103494	YPS003375	79%	99.8%	98.8%
ECO103506	BCE104022	22%	47.2%	35%
ECO103506	EBC104569	56%	100%	100%
ECO103506	ECO103506	100%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103506	PMU100998	21%	91.1%	85.0%
ECO103506	PPU107094	24%	26.4%	12.4%
ECO103506	PSY105244	31%	95.5%	93.4%
ECO103510	ABA100619	66%	92.8%	99.4%
ECO103510	BPT103076	69%	90.6%	92.8%
ECO103510	BCE103462	69%	90.6%	96.7%
ECO103510	BFU107758	70%	90.2%	96.6%
ECO103510	BFU102740	71%	90.6%	97.0%
ECO103510	BMA106098	72%	90.6%	86.6%
ECO103510	CDP101458	64%	92.4%	98.8%
ECO103510	EBC104578	93%	98.5%	100%
ECO103510	EFA201951	48%	90.0%	97.4%
ECO103510	ECO103510	100%	100%	100%
ECO103510	KPN305829	65%	92.4%	99.0%
ECO103510	MCA101417	66%	91.1%	97.6%
ECO103510	MAV101769	67%	92.6%	99.0%
ECO103510	MBV105125	66%	92.6%	99.0%
ECO103510	MTU200456	66%	92.6%	99.0%
ECO103510	PRT105557	48%	93.0%	99.2%
ECO103510	PAE201982	66%	92.4%	99.0%
ECO103510	PAE204019	67%	92.4%	99.0%
ECO103510	PPU108163	67%	92.4%	99.0%
ECO103510	PSY105710	64%	92.4%	99.0%
ECO103510	SPA101536	88%	83.2%	98.9%
ECO103510	STY100416	95%	94.5%	100%
ECO103510	SAU800167	43%	90.0%	97.6%
ECO103510	SEP201069	43%	90.0%	97.4%
ECO103510	SHA101810	43%	90.8%	98.2%
ECO103510	VCH100804	63%	90.0%	90.2%
ECO103510	VCH101789	64%	92.6%	99.2%
ECO103514	ABA100615	35%	44.6%	39.0%
ECO103514	BPT102214	40%	100%	100%
ECO103514	BCE110352	37%	98.5%	98.5%
ECO103514	BFU103486	39%	98.5%	97.6%
ECO103514	BMA102102	35%	98.5%	99.5%
ECO103514	EBC104570	79%	100%	100%
ECO103514	ECO103514	100%	100%	100%
ECO103514	KPN303410	69%	99.5%	99.5%
ECO103514	PMU101100	30%	99.5%	100%
ECO103514	PAE200466	33%	93.6%	93.2%
ECO103514	PPU107390	34%	98.5%	97.6%
ECO103514	PSY102773	29%	99.0%	97.1%
ECO103514	SPA103113	60%	89.1%	99.4%
ECO103514	STY100410	87%	100%	100%
ECO103515	ABA100225	26%	68.3%	56.4%
ECO103515	ABA100477	27%	24.4%	97.4%
ECO103515	BAN104847	19%	21.9%	3.7%
ECO103515	BAN109223	32%	5.6%	34.8%
ECO103515	BAN101440	31%	6.0%	31.7%
ECO103515	BAN110288	24%	23.3%	18.6%
ECO103515	BFR104422	62%	2.0%	27%
ECO103515	BCE108121	25%	30.8%	70.0%
ECO103515	BCE104951	26%	28.1%	38.7%
ECO103515	BFU107935	28%	24.3%	41.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103515	BFU100092	47%	6.4%	98.9%
ECO103515	BFU100109	27%	14.5%	55.1%
ECO103515	BFU102581	29%	10.2%	4.6%
ECO103515	BMA107682	25%	50.8%	25.9%
ECO103515	CAC100404	31%	6.3%	31.2%
ECO103515	EBC107494	28%	7.6%	75%
ECO103515	EBC103412	28%	12.6%	35.0%
ECO103515	EBC104888	27%	25.3%	62.3%
ECO103515	ECO100686	96%	23.6%	68.1%
ECO103515	ECO101427	77%	38.0%	77.7%
ECO103515	ECO100488	77%	90.6%	88.2%
ECO103515	ECO100683	96%	91.2%	89.9%
ECO103515	ECO103405	98%	90.8%	88.6%
ECO103515	ECO103515	100%	100%	100%
ECO103515	PRT103688	31%	7.6%	73.6%
ECO103515	PRT103361	34%	8.2%	78.0%
ECO103515	PRT103421	25%	56.2%	65.1%
ECO103515	PAE202682	33%	90.6%	88.7%
ECO103515	PPU107712	33%	7.8%	93.1%
ECO103515	PPU110484	27%	26.0%	83.0%
ECO103515	PPU109654	25%	2.8%	84.4%
ECO103515	PPU107101	42%	4.0%	5.5%
ECO103515	PPU109653	28%	42.6%	95.3%
ECO103515	PPU109652	26%	56.6%	54.6%
ECO103515	PPU110482	26%	11.3%	5.4%
ECO103515	PSY108533	34%	5.1%	83.6%
ECO103515	PSY101322	59%	4.3%	24.3%
ECO103515	PSY105816	47%	7.4%	45.3%
ECO103515	PSY102083	25%	13.9%	11.8%
ECO103515	SPA106438	43%	6.2%	5.5%
ECO103515	SPA100247	28%	54.6%	67.7%
ECO103515	STY104094	26%	51.3%	33.3%
ECO103515	STY104095	30%	24.7%	74.9%
ECO103515	STM103807	43%	8.0%	45.5%
ECO103515	STM103806	26%	51.3%	33.1%
ECO103515	YPS002860	25%	87.5%	75.9%
ECO103523	EBC103810	88%	100%	100%
ECO103523	ECO103523	100%	100%	100%
ECO103523	KPN303392	84%	100%	98.5%
ECO103523	PMU101063	35%	81.5%	94.8%
ECO103523	SPA103110	91%	97.9%	100%
ECO103523	STY100404	92%	97.9%	97.4%
ECO103523	STM104139	92%	97.9%	97.4%
ECO103523	VCH103763	43%	91.3%	96.4%
ECO103523	YPS003321	77%	87.2%	94.0%
ECO103527	ABA104933	86%	96.7%	100%
ECO103527	BAN109344	30%	21.0%	24.4%
ECO103527	BAN107706	33%	21.0%	23.8%
ECO103527	BPT100117	46%	94.9%	97.2%
ECO103527	BBU100683	26%	32.8%	41.4%
ECO103527	BCE101035	37%	94.2%	84.3%
ECO103527	BFU108951	43%	98.5%	90.7%
ECO103527	BMA102489	42%	94.7%	98.7%
ECO103527	CBO101704	51%	31.8%	37.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103527	CDF103639	42%	35.9%	26.2%
ECO103527	EBC103192	94%	95.7%	100%
ECO103527	EFA200385	25%	43.2%	52.2%
ECO103527	EFM200941	31%	86.9%	87.7%
ECO103527	ECO103527	100%	100%	100%
ECO103527	HIN101704	75%	94.9%	98.7%
ECO103527	KPN305761	93%	95.2%	95.7%
ECO103527	LMO101142	32%	24.5%	27.1%
ECO103527	MCA101122	42%	96.7%	96.0%
ECO103527	MAV103878	37%	93.4%	67.6%
ECO103527	MBV102018	37%	93.4%	90.1%
ECO103527	MLP101240	37%	93.4%	88.2%
ECO103527	MTU201839	37%	93.4%	88.2%
ECO103527	NGO101059	43%	92.9%	94.4%
ECO103527	NME201451	43%	92.9%	94.4%
ECO103527	PMU100288	43%	94.9%	96.9%
ECO103527	PRT105377	34%	88.1%	83.4%
ECO103527	PAE204767	86%	96.0%	99.7%
ECO103527	PPU108584	84%	96.0%	99.7%
ECO103527	SPA100379	93%	67.4%	100%
ECO103527	STY100378	93%	100%	100%
ECO103527	STM104153	94%	100%	100%
ECO103527	SAU802346	24%	41.2%	49.3%
ECO103527	SEP200052	23%	41.2%	49.3%
ECO103527	SEP200853	23%	41.2%	49.3%
ECO103527	SHA102078	24%	43.2%	51.6%
ECO103527	SMU100940	20%	53.8%	71.3%
ECO103527	SPN400627	30%	91.7%	88.9%
ECO103527	SPY200298	31%	91.7%	85.1%
ECO103527	TPA100288	33%	30.3%	41.6%
ECO103527	VCH103702	79%	95.2%	99.7%
ECO103527	YPS003024	83%	94.7%	98.4%
ECO103528	ABA105744	53%	95.5%	97.5%
ECO103528	BAN111603	46%	96.2%	94.4%
ECO103528	BAN100700	46%	96.2%	94.4%
ECO103528	BPT100876	51%	98.1%	90.7%
ECO103528	BCE100810	57%	96.8%	98.7%
ECO103528	BFU114284	57%	96.8%	98.7%
ECO103528	BMA108062	56%	96.8%	98.7%
ECO103528	CJU100835	43%	93.6%	95.5%
ECO103528	CPN200085	37%	93.0%	92.9%
ECO103528	CTR200816	40%	93.0%	96.0%
ECO103528	CAC101314	46%	95.5%	93.8%
ECO103528	CBO101580	48%	95.5%	93.8%
ECO103528	CDF102268	49%	95.5%	96.8%
ECO103528	CDP101138	50%	96.8%	97.4%
ECO103528	EBC103195	92%	99.4%	99.4%
ECO103528	EFA200904	47%	97.5%	92.3%
ECO103528	EFM101106	44%	98.7%	94.0%
ECO103528	ECO103528	100%	100%	100%
ECO103528	HIN100746	76%	98.1%	96.2%
ECO103528	KPN303405	91%	99.4%	99.4%
ECO103528	LPN101992	52%	95.5%	98.7%
ECO103528	LMO102766	42%	98.7%	92.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103528	MCA101505	45%	98.1%	89.5%
ECO103528	MAV100739	47%	97.5%	99.4%
ECO103528	MBV100056	49%	98.1%	100%
ECO103528	MLP100266	51%	98.1%	97.5%
ECO103528	MTU203321	49%	98.1%	100%
ECO103528	MGE100355	40%	95.5%	92.8%
ECO103528	MPN100321	38%	94.9%	92.2%
ECO103528	NGO100616	63%	98.1%	100%
ECO103528	NME202053	62%	98.1%	100%
ECO103528	PMU101513	74%	98.1%	97.5%
ECO103528	PRT105528	75%	100%	100%
ECO103528	PAB205122	60%	95.5%	98.0%
ECO103528	PPU102022	59%	97.5%	100%
ECO103528	PSY103965	58%	95.5%	99.3%
ECO103528	SPA102933	78%	95.5%	100%
ECO103528	STY100375	94%	99.4%	99.4%
ECO103528	STM104165	94%	99.4%	99.4%
ECO103528	SAU801855	47%	95.5%	96.8%
ECO103528	SEP200039	44%	94.9%	96.2%
ECO103528	SHA100689	45%	95.5%	96.8%
ECO103528	SMU100459	41%	97.5%	84.6%
ECO103528	SPN400432	41%	97.5%	85.6%
ECO103528	SPY200270	42%	98.1%	85.2%
ECO103528	UUR100270	36%	93.6%	90.7%
ECO103528	VCH102658	61%	97.5%	99.4%
ECO103528	YPS001568	80%	100%	100%
ECO103532	ABA103075	51%	97.6%	96.5%
ECO103532	BAN113633	24%	69.9%	47.5%
ECO103532	BAN111729	26%	78.3%	83.3%
ECO103532	BPT100884	55%	98.8%	96.5%
ECO103532	BCE111871	43%	54.2%	97.9%
ECO103532	BFU102721	53%	100%	96.6%
ECO103532	BMA104651	47%	100%	97.7%
ECO103532	CAC103641	32%	77.1%	84.2%
ECO103532	CBO100935	41%	74.7%	82.7%
ECO103532	EBC103201	91%	98.8%	98.8%
ECO103532	ECO103532	100%	100%	100%
ECO103532	HIN100551	52%	80.7%	27.4%
ECO103532	KPN303391	86%	100%	100%
ECO103532	LPN103574	57%	100%	98.8%
ECO103532	LMO102441	32%	69.9%	65.9%
ECO103532	MCA101632	51%	98.8%	92.3%
ECO103532	MAV105267	32%	66.3%	66.7%
ECO103532	MBV103242	33%	66.3%	66.7%
ECO103532	MTU303412	33%	66.3%	66.7%
ECO103532	NGO101743	46%	98.8%	97.6%
ECO103532	NME200622	46%	98.8%	97.6%
ECO103532	PMU101347	41%	80.7%	27.4%
ECO103532	PAB205124	56%	98.8%	97.6%
ECO103532	PPU111081	50%	98.8%	97.6%
ECO103532	PPU102025	56%	98.8%	97.6%
ECO103532	PSY103987	56%	98.8%	98.8%
ECO103532	SPA102936	89%	100%	100%
ECO103532	STY100347	89%	100%	100%



Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103532	SEP200786	39%	49.4%	52.6%
ECO103532	SHA102895	32%	90.4%	93.5%
ECO103532	VCH102600	50%	80.7%	26.7%
ECO103532	YPS001530	78%	98.8%	100%
ECO103533	ABA102523	32%	100%	97.8%
ECO103533	BAN106269	27%	85.3%	96.9%
ECO103533	BPT100886	35%	68.5%	67.9%
ECO103533	BCE105965	39%	71.3%	72.1%
ECO103533	BFU102720	39%	71.3%	71.6%
ECO103533	BMA104409	36%	71.3%	74.8%
ECO103533	CDF103903	32%	55.9%	79.8%
ECO103533	EBC103202	83%	100%	100%
ECO103533	EFA200318	34%	85.3%	95.5%
ECO103533	ECO103533	100%	100%	100%
ECO103533	HIN100724	49%	98.6%	98.0%
ECO103533	KPN303388	86%	100%	100%
ECO103533	LPN101562	30%	100%	100%
ECO103533	LMO100345	28%	86.0%	93.7%
ECO103533	MCA103138	31%	97.9%	96.4%
ECO103533	MBV102118	30%	84.6%	52.7%
ECO103533	MTU200323	30%	84.6%	52.7%
ECO103533	PMU101433	49%	94.4%	92.5%
ECO103533	PRT105992	63%	100%	98.6%
ECO103533	PAE205125	34%	98.6%	97.8%
ECO103533	PPU112071	37%	96.5%	97.1%
ECO103533	PSY103984	35%	96.5%	97.1%
ECO103533	SPA102935	90%	100%	100%
ECO103533	STY100345	93%	100%	100%
ECO103533	SAU801534	30%	86.0%	89.1%
ECO103533	SEP200938	30%	57.3%	61.7%
ECO103533	SHA100982	26%	86.0%	92.2%
ECO103533	SMU100073	33%	83.9%	91.5%
ECO103533	SPN400595	28%	83.9%	96.0%
ECO103533	SPY201177	32%	86.7%	94.6%
ECO103533	VCH102617	48%	100%	99.3%
ECO103533	YPS001525	65%	100%	99.3%
ECO103536	BAN110223	31%	60.3%	85.4%
ECO103536	BBU100769	35%	57.8%	54.6%
ECO103536	CJU100594	37%	52.3%	40.3%
ECO103536	EBC103198	80%	96.0%	87.8%
ECO103536	ECO103536	100%	100%	100%
ECO103536	HIN100735	43%	74.0%	87.4%
ECO103536	KPN303397	81%	94.9%	85.1%
ECO103536	PMU101508	39%	80.9%	81.4%
ECO103536	PRT104883	57%	84.1%	71.3%
ECO103536	PAE205130	36%	71.5%	75.9%
ECO103536	PPU102030	40%	65.7%	69.8%
ECO103536	PSY103972	41%	63.9%	66.5%
ECO103536	SPA100812	80%	93.1%	100%
ECO103536	STY100339	81%	99.6%	85.9%
ECO103536	STM104200	81%	99.6%	85.9%
ECO103543	BPT101420	48%	88.7%	88.1%
ECO103543	BCE100302	35%	90.0%	82.7%
ECO103543	BFU110339	40%	92.5%	91.6%